

## *Mr. Xiucheng (Eric) Li P.E.*

M. ENG. in Building Eng, B.A. in civil. Eng., PE in NY&Vermont, USA and P. M, PE in Canada .

Cell phone Number: +1-929-329-6666; 917-584-3798; E-mail: Xiuchengli@gmail.com

Home: 45-32 218<sup>st</sup> street Bayside NY 11361 **2025-3-17**

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### RESUME

### Civil Engineer/Project Officer

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## QUALIFICATIONS PROFILE

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**Experience Highlights:** Extensive experience in civil engineering of building construction work

Familiar with NJ, NYC Building Code

**Total Experience:**

20 years

**Education:**

Master of Science-Building Engineering,  
Concordia University – Montreal, Canada  
2009

Bachelor of Science- Building Engineering  
Fuzhou University – Fuzhou, China; 1994

Attestation of Collegial Studies (AEC) -  
Logistics Transportation LaSalle College –  
Montreal, Canada 2006

Diploma of Starting Business– Shadd  
Business Centre– Montreal, Canada 2005

PE in Canada PE In USA (New York and  
Vermont)

**Certifications:**

**SST Certificate 62hours**

OSHA Certificate 10hrs and 30hrs.

OSHA Steel Erections

NYC DOB 4-HR Supported Scaffold User

Project Manager Certification ~ Certificate  
of project management

Site safety manager 8hrs & 40hrs

American Concrete Institute (ACI I)

ACI Lab 1 & 2

Certificate of Society of Asphalt

Technologist (SAT) Level 1 & 2

Certificate of Dangerous goods

ICC bolting & Welding

DOBNYC Registered Engineer and Super

**Skills/Training:**

CM13, IFA Works, LCMS, BCC(FID II  
System), Photo Manager, SCA Time Keeping  
System, PTS, World View SCA, Contract  
Inquiry System, MS Office (Word, Excel,  
Access, Outlook, PowerPoint), AutoCAD,  
Primavera, Timeline, PM+, MATLAB,  
NeuroShell 2, PKPM, Marcel

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**Civil Engineer Professional** Experienced in construction management of residential, commercial and industrial construction projects. In –depth experience in monitoring major construction projects to ensure that all construction is carried out in accordance with drawing and specifications as well as applicable codes. Responsible for planning, oversight and cost control of large-scale and highly technical civil engineer projects from concept to completion. Attention to detail and strict monitoring to ensure compliance with building codes and adherence to safety and quality control guidelines has resulted in successful delivery of many projects.

As civil engineer, responsible for monitoring the contractors' performance and all project correspondence, besides review of shop drawings, RFI management, change management, construction inspection, review and approval of contractor's payment request, preparing change orders & monthly updates.

### Project Highlights:

- Spearheaded design and construction of \$19M 14,000 sq. ft. commercial building, completing project on-time and \$500K under budget through effective execution of contaminated soil change order.
- One month close out on JHS157Q06 (LLW: 087217) and 3 month close out PS144Q06 (LLW: 087216) lighting fixtures from substantial completion to close out memo issue.
- One year transfer on JHs08Q06 (LLW:076409) lighting fixtures from substantial completion to transfer approval.

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## PROFESSIONAL EXPERIENCE

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### JCMS /School Construction Authority

3030 Thomson Ave 11101 [www.nycsca.org](http://www.nycsca.org)

**Project officer**, (Full time), 02/2013 to 1/2018 6/2018 to present

Develop project management plan include project scope, schedule and budget covering conceptual through completion; implement management plans to coordinate preparation of study reports, cost estimates, and preliminary and final contract documents. Monitor and report on the actual consultant, contractor and staff all performance based on approved management plan; provide program level management services; and provide all doc for CO or letter of completion. Review and calculate change orders. Review contract documents, shop drawing submittals/approvals and – other technical matters as required ensuring a structurally sound, code compliant and aesthetic facility and compiling contract project documentation necessary for adjudicating or denying such claims. Estimate resource requirements, costs and durations. Provide technical advice regarding quality and hazardous material control. Conduct soil and material analysis by various engineering tests. Evaluate and analyze the properties of the

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pavement and underlying layers to set the respective thickness of pavement, base course and sub-base. Review asphalt highway design and Portland cement concrete pavement design. Perform analysis of the design of precast and prestressed concrete elements and structures. Inspect the fundamental structural behavior and the performance of different prestressed concrete elements. Inspect project sites to monitor progress and ensure conformance to design specifications and safety or sanitation standards. Review and calculate 50%; 100% all plans; review and edit specifications.

### **City Wide Testing & Consulting Group**

5925 Grand Ave [www.citywidetesting.com](http://www.citywidetesting.com)

**Lab Director and Technical Director**, (Full time), 01/2018 to 6/2018

The oversight and quality control of our concrete testing lab as lab director and our Special Inspection Agency as technical director. Conduct concrete mix design. Determine methods and solution for complex engineering problems and select most efficient and economical manner to meet objectives. Examine the fundamental structural behavior and the performance of different concrete elements. Directly oversee our quality management system, review all documentation, and sign and seal test reports. For our Special Inspection Agency, oversee all field engineering operations including certifications, inspections and documentation. Ensure proper codes, regulations and standards used on projects. Analyze and review structural calculation and project issues. Provide technical advice regarding design, construction and close out. Work with Architect/ Engineer of Record regarding interpretation of drawings, contract documents, shop drawings submittals & approvals and other technical matters.

### **Key-Tech, Keyport, New Jersey 07735**

210 Maple PL. Keyport, NJ 07735 [www.keytechlabs.com](http://www.keytechlabs.com)

**Civil Engineer** (Full time),

10/2009–2/2013

Supervise timely completion of detailed estimates, subject to final blueprints and specifications for bidding and conceptual estimates for early planning purpose. Facilitate quantity take offs and pricing of labor, material, and equipment required to perform all divisions. Analyze blueprints, sketches, specifications, and manufactures' installation and operation manuals in order to determine quantity take-offs for labor, materials and equipment. Highlight areas potentially exceeding estimating and inform the construction manager of impending schedule slippages or budget overruns, and to recommend further corrective action. Analyze and design concrete materials proportion in concrete ready-mix plants. Analyze and design asphalt materials proportion in asphalt. Facilitate in-depth inspections of all project phases, perform QA/C testing and inspection practices for structural precast (post-tensioning) for New Jersey Turnpike Authority, Garden State Parkway and various other state or municipal highway projects.

- Commended regularly by senior management for consistently meeting or exceeding all client expectations, leading to outstanding levels of client satisfaction and retention.
- Consistently delivered rapid, accurate completion of all asphalt and concrete tests, resulting in a record for the most tests performed daily.

**Swatow Development Inc., Montreal, Canada**

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988-998 St-Laurent, Montreal, QC Canada H4G 2K1

**Project coordinator/Civil Engineer** (Full time), 4/2007–10/2009

Performed to audit change orders. Supervised and monitored sites for compliance with site engineering and quality control guidelines. Plan, schedule and document project scope and strategy. Evaluate construction schedules for compatibility with projected materials and machine deliveries. Submit project issues and potential budget overruns to project manager. Liaised with vendors to negotiate and procure project resources. Correct project documentation, budget reports and financial forecasts.

### **Sichuan Coal Construction Co., Sichuan, China**

9A Xishi Road, Wuhou Science Institute, Chengdu, Sichuan [www.cmjj.com.cn](http://www.cmjj.com.cn)

**Vice general engineer** (Full time), 7/1994–3/2004

Established and oversaw project controls for several multimillion-dollar mine-construction projects. Built and managed daily operations of world-class project teams. Negotiated and administered work / payment contracts with contractors and suppliers. Reviewed drawings and specifications in order to prepare labor and materials cost. Liaised extensively with clients, vendors and stakeholders to prepare and evaluate project estimates, and to resolve any issues encountered.

- Steered design and delivery of sophisticated project-control system for efficiently maintaining all project files and documentation.
- Successfully secured and completed multiple contracts on-target and under budget, leading to profits exceeding \$2M annually.

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## **PROJECT**

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### **Institutional Facilities and Schools**

PS336Q Lease conversion \$19,000,000

PS5Q0 Addition \$20,000,000

Forest hill HS façade masonry and emergency doors \$11,000,000

PS48@75Q Exterior Masonry \$5,000,000

JHS08Q07 Roof Replacement 108-35 167 STREET Queens NY, USA \$2,786,000

JHS08Q GYM concrete cracks Queens NY, USA \$750,000

JHS08Q06 Lighting Fixtures 108-35 167 STREET Queens NY, USA \$1,423,000

JHS072Q03 Accessibility & Fire Alarm 133-25 GUY R. BREWER Queens NY, USA \$3,646,000

JHS072Q04 Exe Masonry, Roof 133-25 GUY R. BREWER Queens NY, USA \$6,176,000

JHS072Q05 Low Voltage, 133-25 GUY R. BREWER Queens NY, USA \$895,000

JHS072Q06 Playground, NY, USA

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JHS072Q07 Lighting Fixtures, NY, USA

PS206Q03 Accessibility, 61-02 98TH STREET, Queens NY, USA \$3,751,000

PS99 Deck, Queens NY, USA \$3,103,089

PS55 TCU Removal and Playground Redevelopment \$1,237,134

PS55 Boiler Conversion and Climate Control \$5,000,000

Thomas Edison Exe Masonry, Roof, NY, USA \$11, 500,000

PS144Q Lighting Fixtures NY, USA \$1, 300,000

PS157 Lighting Fixtures NY, USA \$1, 500,000

PS175 Windows, Parapet, and Roof, NY, USA \$7,871,000

PS217 Lighting Fixtures NY, USA \$1, 500,000

Cranston K9-900 - P3 School project, Calgary, Alberta, Canada  
Value Engineering

Modular classrooms – Verdun, Montreal, Canada  
Project estimation

Concordia EV Building, Montreal, Canada  
Project estimation

Wu Hou High School building, Chu Qiao Chengdu China  
Project Control, and project management

Cha Dian Zi Middle School; Chengdu, China  
Scheduling

### **Civil**

New Jersey Turnpike Authority Contract No: T100.106; T869.120.802;

T869.120.801; T869.120.601; T869.120.501; T869.120.401

Project Cost Estimation, Concrete Field Inspection, Concrete Plant Inspection, Asphalt Field Inspection,  
Asphalt Plant Inspection, Quality Control, Lab test and Quality analysis

Garden State Parkway P200.046; P200.045; P200.044; GSP142&78

Project Cost Estimation, Concrete Field Inspection, Concrete Plant Inspection, Asphalt Field Inspection,  
Asphalt Plant Inspection. Quality Control Lab test and Quality analysis

Newark Liberty International Airport – Continental Airlines – BLSE Building

Concrete Plant Inspection, Asphalt Plant Inspection, Quality Control Lab test and Quality analysis

Ocean County Police Academy Toms River, New Jersey: RT528

Concrete Plant Inspection, Asphalt Plant Inspection, Quality Control

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Monmouth County Millstone& Tinton Falls, New Jersey: RT537

Concrete Plant Inspection, Asphalt Plant Inspection, Quality Control

Warren County White, Oxford, Rt519 &643

Concrete Plant Inspection, Asphalt Plant Inspection, Quality Control

Hunterdon Medical Center – Parking Garage – Flemington, New Jersey

Quality Control

**Commercial**

Swatow Plaza commercial building Montreal, Canada

Project estimation, Project management and coordination

The Palace of Culture of Chinatown Montreal, Canada

Scheduling, Value engineering

Longueil Brossard Shopping mall Montreal, Canada

Project control and project cost estimation

Chuo qiao Shopping Mall Chengdu, China

Project Control, and project management

Qin Jiang Plaza Chengdu, China

Preliminary design, Value engineering and contract administration

Law Courts, Chengdu, China

Audit detailed design, Value engineering, specification preparation

Cheng du Gaoxin Great Shopping Mall, Four floors, 500,000 m2 – the Biggest Logistic Shopping Centre in Southwest China

Project cost estimation, Value engineering, specification preparation

Human Resource Centre, 28 floors, 66,000 m2; China

Project Control, and project management

Wuhou Mansion, 24 floors, Residential Hall Complex with Underground Cinema and Shopping Mall, 38,000 m2; China

Project cost estimation, Value engineering, specification preparation

Chengdu International Airport – Main Entrance for International Visitors; Chengdu, China

Project cost estimation, Value engineering, Scheduling

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Cheng du City Huaxia Mansion, 32 floors, 80,000 m2, Twin Tower Hotel; Cheng du, China  
Project cost estimation

Chengdu Qinyang Construction Bank, Eight floors, 6,000 m2; Chengdu, China  
Project Control, and project management

Chengdu Fire Department Headquarters, 24 floors, 40,000 m2, Multifunctional Building Complex –  
First to 3rd floors are a shop mall, 4th to 26th floors are Offices; Chengdu China  
Project Control, and project management

### **Residential**

Model Single Houses of Montreal House Corporation, Montreal, Canada  
Project management

53st Residential, Verdun, Montreal, Canada  
Project Control, and project management

Park Vista Condo, Verdun, Montreal, Canada  
Project Control, and project management

High-rise Residential Hall for Policemen, 20 floors, 18,000 m2; Chengdu, China  
Scheduling, Value engineering

Nation Taxes Administration Residential Building; Chengdu, China  
Project cost estimation, Value engineering, Scheduling

Chengdu High-rise Residential, 28 floors, 23,000 m2 – the Tallest Residential Building in 1995 in SW  
China; Chengdu, China  
Project cost estimation, Value engineering,

### **Industrial**

Gold Bar Waste Water Treatment Plant, Montreal, Canada  
Value engineering,  
Pine Point Project Mining Building, Montreal, Canada  
Scheduling,

Water tower, Montreal, Canada  
Project cost estimation

Cheng du Medicine Manufacture; China  
Project Control, and project management

Chengdu craft Warehouse, 28,000 m2; China  
Scheduling, Value engineering

Qinjiang Logistic Centre; Chengdu, China  
Project cost estimation

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Xinjiang Mechanical Factory Warehouse; Chengdu China  
Project Control

**Health Services**

Child Hospital, atwater, Montreal, Canada  
Value Engineering

Chengdu People's Hospital; Chengdu, China  
Project Control, and project management

Huaxi's Hospital; JinLiu, Chengdu China  
Project estimation