

**Zack Zhang**  
New York, NY  
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## EDUCATION

**Boston University** – Metropolitan College, Boston, MA  
Master of Science in Software Development  
Summa Cum Laude  
**CUNY School of Professional Studies**, New York, NY  
Bachelor of Science in Computer Information Systems  
Summa Cum Laude

## WORK EXPERIENCE

**New York City Department of Health and Mental Hygiene (NYCDOHMH)**, *New York, NY*  
Administrative Application Developer  
*2024 – Present*

- Develop and maintain internal database systems to enhance organizational efficiency
- Create and implement automated workflows for streamlining administrative processes
- Design and develop web applications for internal use, improving departmental productivity
- Construct RESTful API endpoints to facilitate seamless data integration across systems
- Implement Power Automate flows to automate email handling from form submissions

**CUNY Borough of Manhattan Community College**, *New York, NY*  
Computer Lab Coordinator  
*February 2022 - 2024*

- Provided technical support to over 12,000 student users in Windows and Mac environments, both in-person and remotely.
- Conducted workshops on Microsoft Suite, Adobe CC Suite, and other applications.
- Managed computer system configurations and enforced lab policies.

## Freelance Web Developer

*New York, NY*  
*May 2020 – January 2022*

- Developed custom websites using Python, JavaScript, HTML, CSS, React.js, and integrated RESTful APIs.
- Ensured responsive and optimized websites for enhanced user experience.
- Managed web hosting, domain setup, and deployment of websites using Docker.
- Implemented CI/CD pipelines for continuous integration and deployment.

## SKILLS

- Fluent in Chinese Mandarin
- Proficient in Python, JavaScript, HTML/CSS, React.js
- Experienced in Full-Stack Web Development (Node.js, Express.js)
- Familiar with Microsoft Suite, Adobe CC Suite
- Technical support and troubleshooting expertise.
- Certified AWS Developer and Google Professional Data Engineer
- Knowledgeable in Docker, Kubernetes, and CI/CD pipelines

- Skilled in SQL, MongoDB, and data analysis with Python libraries (Pandas, NumPy)
- Understanding of cybersecurity principles and familiarity with ethical hacking techniques
- Experience in mobile app development with Swift and Flutter
- Licensed Real Estate Salesperson in New York State

## **CERTIFICATIONS**

- Google IT Support Professional Certificate
- Google Data Analytics Professional Certificate
- Google Project Management Professional Certificate

## **HOBBIES**

- Participating in hackathons and coding competitions
- Volunteering for community tech education programs
- Hiking and exploring new outdoor destinations.
- Traveling, Cooking, Food
- Real Estate Listings / Databases

## **REFERNECE**

- Ching-Song Wei - Chairperson  
Computer Information Systems, BMCC  
cwei@bmcc.cuny.edu  
(212) 220-8385
- William Ng - PAL Supervisor  
Learning Resource Center, BMCC  
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**Projects:** <https://zackzhang.dev> ; <https://github.com/hongjie94>