

Sheng Liu

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EDUCATION AND ACHIEVEMENT

Brooklyn College – City University of New York (CUNY)

Degree: B.S. Computer Science

Honor: Dean's List: Fall 2015 - Fall 2019

Expected Graduation Date: Dec. 2019

Cumulative GPA: 3.7

SKILLS

Experienced Language: Java, JavaScript, Python, C++, SQL, HTML, CSS

Tools/Frameworks: React, Node.js, Express, Sequelize, MongoDB, PostgreSQL, Firebase, Git, Bootstrap, NPM, IntelliJ, WebStorm, Slack, Unix/Linux, Window, MacOS, Visual Studio Code

EXPERIENCE

International High School at Prospect Height

New York, NY

Front-End Developer

Feb. 2019 - Present

- Design client websites using WordPress with SEO specialized plugins.
- Provide technical support and present website proposals to clients.

Department of Education

New York, NY

Information Technology Intern

Aug. 2018 – Present

- Maintain NYC public school server, network, software, and hardware devices to be used in maximize efficiency.
- Compiling error reports and tickets for technicians to read and investigate.
- Deploy Window and MAC OS images with MDT and Apple Server remotely.

IMPACT Mentoring Program – Borough of Manhattan Community College

New York, NY

Data Analyst, Peer Mentor

Feb. 2016 – Jun. 2018

- Applied statistical methods and models to generate data supported reports.
- Analyzed over 200 mentors and mentees data reports and evaluated the program on a weekly basis.
- Proposed and recommended new ways to store data more effectively.

EXTRACURRICULAR ACTIVITIES

CodePath – Baruch College

New York, NY

iOS Development Trainee

Feb. 2019 - Present

- An intensive university iOS training program aimed to train engineers in the tech industry with Swift.

CUNY Tech Prep Program

New York, NY

Student Full Stack Developer

Aug. 2018 - Present

- Participate in university wide JavaScript training program, as one of 122 students out of over 400 applicants.
- Learn full stack technologies such as React, Node, Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, Agile/Scrum with Trello and Slack, test driven development, and CI/CD.

PROJECTS

Circle | Full Stack

GitHub: <https://bit.ly/2QOw8Jj>

- Worked in agile methodology by briefing team in scrum calls, suggesting tasks, and approximating times.
- Built scalable APIs and microservices using Node.js, and Express to fetch user details; secured user login with encryption.
- Designed reusable user interface components in React, Bootstrap, and ES6.

Personal Website | Full Stack

Link: <http://www.sheng-liu.com>

- Responsive web application displays a personal resume, blog, and comment board with React, Node.js, and Express.
- Created RESTful APIs to handle CRUD operations on user information; integrated with MongoDB, deployed through AWS.

Team Nine | Front End – J.P. Morgan Good for Good

Private Repository

- Engaged in web application development that helps non-profit organizations to gain 80% of donations per transaction.
- Contributed to the team by using React and Bootstrap with the flat UI design to deliver dynamic content to users, establishing a real-time distributed database and authenticating using OAuth2 authentication system with firebase.

Bountiful | Full Stack – CUNY Hackathon

Private Repository

- Developed a program that serves as a medium between users and non-profit organizations to reduce 14.3 million fabric wastes in United States.
- Established REST API with Node.js and Express to handle HTTP protocol to retrieve and delete user data from Firebase database and implemented HTML and CSS as front-end.