

Sheng Liu

(646) 639-5049 | sheng.liu02@gmail.com | <https://github.com/shengliu02> | [linkedin.com/in/shengliu02](https://www.linkedin.com/in/shengliu02)

EDUCATION AND ACHIEVEMENT

Brooklyn College – City University of New York (CUNY)

Expected Graduation Date: Dec. 2019

Degree: B.S. Computer Science

Cumulative GPA: 3.7

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

SKILLS

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

Tools/Frameworks: React, Angular, Spring framework, PostgreSQL, Jira, Bit bucket, Git, Bootstrap, Node.js, Express, Sequelize, MongoDB, Hadoop, Spark, Kafka, Unix/Linux

EXPERIENCE

JP Morgan Chase & Co.

Houston, TX

Software Engineer Intern

Jun. 2019 – Aug. 2019

- Design and develop efficient and maintainable data model verification engine microservices.
- Build a full-stack automation system; increase efficiency of teams across JP Morgan by no less than 10% per week.
- Participate in writing unit tests with J-Unit, Karma, and Jasmine.
- Involve in developing reusable UI components using Angular, Bootstrap, and Typescript.
- Experience in application deployment to GAIA cloud to provide a large computing capacity.
- Utilize Hadoop, Spark, and Kafka for distributed data streaming and processing.

International High School at Prospect Heights

New York, NY

Front-End Developer

Feb. 2019 – May. 2019

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

Department of Education

New York, NY

Information Technology Intern

Aug. 2018 – May 2019

- Maintained NYC public school server, network, software, and hardware devices to be used in maximize efficiency.
- Compiled error reports and tickets for technicians to read and investigate.
- Deployed 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

CUNY Tech Prep Program

New York, NY

Student Full Stack Developer

Aug. 2018 – May 2019

- Participated in university wide JavaScript training program, as one of 122 students out of over 400 applicants.
- Learned 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>

- Served as a middleman between non-profit organizations and users that aimed to decrease 13 million tons of wastes are trashed every year.
- Established dynamic web contents using HTML5, CSS3, JavaScript, React, AJAX, and Bootstrap.
- 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.

Personal Website | Full Stack

Link: <https://www.shengliu.dev>

- 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 Google Cloud.

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, established a real-time distributed database and OAuth2 authentication system with firebase.