Sheng Liu

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Education and Achievement

Brooklyn College: Brooklyn, NY   **Expected Graduation Date: Fall 2019**
- **Degree:** Bachelor of Science in Computer Science; GPA: 3.7

Borough Manhattan of Community College (BMCC): New York, NY   **Aug 2015 – May 2017**
- **Honor:** Phi Theta Kappa Honor Society, Dean's List: Fall 2015 - Spring 2017
- **Degree:** Associate of Science in Computer Science; GPA: 3.9

Skills

Experienced Language: Java, HTML, CSS, SQL, JavaScript, and Unix Bash Script

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

Relevant Experiences

CUNY Tech Prep Program - City University of New York: New York, NY.   **Aug. 2018 - Present**
Student Full Stack Developer
- Participate in university wide JavaScript training program, as one of 122 students out of over 400 applicants.
- Earn 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.

Code for Good - J.P. Morgan Chase: Plano, Texas   **Oct. 5, 2018 – Oct. 6, 2018**
Team Lead, Participant
- Engaged in web application development that helps non-profit organizations to gain 80% of donations per transaction.
- Focused on using React and Bootstrap with the flat design to deliver dynamic content to users and established a real-time distributed database and OAuth2 authentication system with firebase.

Bountiful - CUNY Hackathon 2018 Spring | https://goo.gl/2K7NRN   **Apr. 27, 2018 – Apr. 29, 2018**
Participant
- Middle man between users and non-profit organizations to reduce14.3 million fabric wastes in United States.
- Developed REST API with Node.js and Express to handle HTTP protocols. REST API retrieve and delete user data from Firebase database and implemented HTML and CSS as front-end.

Experiences

Department of Education: New York, NY
IT Technician Intern   **Aug. 2018 – Present**
- Maintain NYC public school server, network, software, and hardware devices to be used in maximize efficiency.
- Troubleshoot hardware and software technical problems in a timely and accurate manner.
- 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**
- Apply statistical methods and models to generate data supported report with a working team of four.
- Analyze over 200 mentors and mentees data report and evaluate the program on a weekly basis.
- Propose and recommend new ways to structure data more effectively.

CUNY Tutor Corps Program – CUNY Research Foundation: Brooklyn, NY
Computer Science Tutor   **Feb. 2017 – Jun. 2018**
- Tutor 7th graders in HTML, CSS, Codester.com (Python) and Scratch.
- Instruct students on basis of mathematic and algorithm behind coding.
- Cooperate with host teacher to analyze and discuss each student's academic performance.
- Collaborate with host teacher to create lesson plan.

Personal Projects

Personal Website | http://www.sheng-liu.com
- Responsive web application displays a personal resume, blog, and comment board with React, Node.js, and Express.
- RESTful API handles HTTP protocols that retrieve, create, and delete comment data from MongoDB database.

Weather Forecast Tool | https://github.com/sheng1302/WeatherSearchingTool
- Created a Java GUI application that implements Yahoo's weather API. Using API to detect user's current location, obtain user's weather forecast in JSON format and display the data.

Mini Calculator | https://github.com/sheng1302/MiniCalculator
- A Java GUI Calculator provides mathematical arithmetic with calculation history.