PATRICK **JOHNSON**

Software Engineer

CONTACT

taqace@gmail.com ✉
425-652-6846 ☎
New York, NY ◉
LinkedIn ▣
Github ◯

EDUCATION

Bachelor of Science
Computer Science
City College of New York
New York, NY
2016 - 2020
Dean's List, Spring 2019
National Honor Society

RELEVANT COURSES

Computer Security
Algorithms
Web Design
Software Engineering
Big Data Management
Computer System Design

SKILLS

JavaScript (React)
HTML/ CSS
Firebase
Python (Kivy)
REST APIs
Node.js
Git

CAREER OBJECTIVE

Interested in a rewarding Software Developer position where I can contribute my analytical skills and knowledge acquired by pursuing my degree in Computer Science. Looking for a dynamic and progressive company where my skills are utilized in the maximum way possible.

WORK EXPERIENCE

Full Stack Software Engineer Intern

CCNY Neural Engineering Group / May 2018 - December 2018

- Designed and implemented user interface for electroporator prototype on Raspberry Pi
- Increased impulse accuracy by integrating Arduino Microcontroller, allowing for response time down to 4 microseconds

Team Lead and Rework Mechanic

Boeing / May 2008 - April 2015 / Seattle, WA

- Worked with leadership to design a workflow reducing aircraft rollout from 4 days to 3, and later to 2.5
- Led implementation of 5s and lean manufacturing methodologies reducing waste by up to 65%

PROJECTS

Stock Market Simulator

Cocreator / September 2019 - April 2020

- Developed a web app using agile methodology that allows users to simulate, visualize, and participate in an active stock market without risk
- Implemented Cloud Firestore for database operations and authentication allowing for multiple enclosed sessions
- Made use of Node.js for routing, Redux for application state management, and Material-UI for user interface

Musaic - Soundcloud Clone

Cocreator / September 2020 - December 2020

- Developed a web app alongside 3 other team members using agile methodology that allows users to upload and play their own personal music
- Used React and Bootstrap for web front end, and Wavesurfer.js for audio playback