Zafir Hasan

EDUCATION

NYU Tandon School of Engineering; Brooklyn, NY   **September 2015 – May 2019**
- Major: Computer Science
- Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Databases, Dynamic Web Applications, Software Engineering

EXPERIENCE

Indoor Buddy, New York, NY   **November 2018 – February 2020**
Full Stack Developer
- Developed REST API to store and manipulate generated mapping data from consumer app (Node.js, Express, Firebase)
- Worked on backend authentication service and front-end for Store Manager Analytics Dashboard (Node.js, Vue.js, CSS, HTML)
- Built and optimized company site to reduce page load and improve site experience (HTML, CSS, Bootstrap, JavaScript)
- Effectively iterated software based on client needs within an Agile work environment

RapidHealthTechnologies, New York, NY   **July 2019 – November 2019**
Backend Developer
- Created API to handle location based data from Raspberry Pi Bluetooth beacons (Node.js, Express, Firebase)

Nomura Holdings America, New York, NY   **June 2017 – August 2017**
IT Analyst Intern
- Worked on enterprise mobile messaging system within 6 person team
- Uploaded MDM software to corporate iPhones in accordance with compliance standards
- Utilized compliance software in order to create email triggers

PROJECTS

Filtos – filtos.app   **July 2020**
- Web app that allows users to do advance filtering on their Spotify library. Users can filter songs by genre, tempo, energy and more and then select songs to save to a playlist. (Vue.js, Node.js, Express, CSS/SCSS, HTML)

Stock Portfolio App -- stock-portfolio-app.netlify.app   **May 2020**
- Web app that allows users to buy stocks based on latest price info from IEX Cloud API. User's can see portfolio performance and all transactions. (Vue.js, Node.js, Express, MongoDB, CSS/SCSS, HTML)

Statify -- statifyfrontend.netlify.com   **February 2020**
- Web app that uses Spotify's API to visualize users' listening data. Users can also share links with friends and instantly compare both their data. Currently working on a feature to generate a shared playlist based on two users' music tastes (Vue.js, Node.js, Express, MongoDB, CSS/SCSS, HTML)

Portfolio Site – www.zafirhasan.com   **September 2019**
- Static site created and hosted to showcase my technical skills and experience (HTML, CSS/SCSS, JavaScript)

Social Calendar   **May 2019**
- Web app that allows for easier meeting scheduling between groups of people. Can create an account, log-in, create a group, add members, send an invite to an event, and automatically match schedules to find a free time slot for everyone. Created both front-end and backend API (Vue.js, DynamoDB, Express, Node.js)

Shooter.io - shooterio-dynamic.herokuapp.com   **December 2018**
- Real-time online multiplayer game where players compete for the highest score (Node.js, Express, socket.io, p5.js, HTML, CSS)

PriCoSha   **December 2017**
- Social media site where users can log in, create friend groups, add friends, post and share content, tag other users, send messages. (Python, MySQL, HTML, CSS)

LANGUAGES AND TECHNOLOGIES

- Proficient in HTML, CSS/SASS, JavaScript, Node.js, Express, Bootstrap, Vue.js, Vuetify, Agile (Scrum), Visual Studio Code, MVC, REST APIs, OAuth 2.0
- Familiar with C++, MySQL, Python, Firebase, MongoDB, Google Cloud Services, Heroku, Netlify, Git, Mocha/Chai (Testing)