Hassan Raja
Long Island, NY

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Education

Stony Brook University   *Stony Brook, NY*
B.S. in Computer Science | Expected May 2021 | GPA: 3.54   *08/2018 – Present*
Notable Coursework: Systems Fundamentals, Algorithms, Programming Abstractions, Data Science.

Skills

Languages: Java, JavaScript, Python, C, C# *(willing to learn new languages if needed).*
Frameworks: Node.JS, Angular.JS, React.JS, Spring Boot, Agile.
Version Control: Git.
Databases: MongoDB, MySQL, MS SQL Server.
Design Patterns: MVC, Singleton, Façade, Micro Services Transactional Design Patterns, Twelve-Factor Application.

Work Experience

Software Engineering Intern
Philips Sleep and Respiratory Care – Murrysville, PA   *05/2020 - 08/2020*
Care Orchestrator – A micro-services architecture based Patient Management Software application that collects data from a variety of Philips medical devices, helping clinicians and organizations create notifications and tasks for patients.
- Wrote formal component tests for class3 FDA regulated software against a large variety of scenarios that both clinicians and patients would encounter and caught several bugs, notifying team that defects needed to be filed.
- Collaborated on scrum team to write component tests for different REST APIs and endpoints and kicked off new builds in Team City.
- **Technologies:** Java/Spring, Mockito, Junit, Spring Boot Test, Cloud Foundry, AWS, MongoDB, RabbitMQ, Gradle, Lucid Charts, Team City, Git.

Junior Developer
Riz Raja Professional Services Inc. – LIC, NY   *06/2019 – Present*
A law office helping the taxi drivers of New York City fight their summons in order to continue working.
- Heavily involved in development of different pages on frontend and the design/display of data. Made it easier for Mr. Raja to save and retrieve 1000's of tickets based on search criteria, increasing his daily client volume.
- Developed backend service to track online client payments which lead to easier contactless payment methods, especially useful during Covid-19.
- Wrote unit/component tests to assure the workflow of different services throughout the application.
- Created separate portfolio site for firm at https://rizraja.com that helped inform clients about Mr. Raja's services, allowing drivers to send their tickets for initial consultation.
- **Technologies:** ASP.NET, C#, Microsoft SQL Server Management Studio, AWS Simple Notification Service, Grunt.JS, Angular.JS, Visual Studio 2019, HTML, CSS, JS.

Project Experience/Other

Logo Maker (05/2020) – Created web-application to create and export textual/visual logos for individual users. Developed with MERN (MongoDB, Express, React, Node) and GraphQL.

NBA-Rank (09-2019) – Won most fun hack at NYHacks. Created an app that scrapes Reddit to rank how popular and well-liked NBA players are. Metrics determined using Reddit and VADER Sentiment machine learning APIs. Built platform with MERN stack and Bootstrap.

Stony Brook Department of Computer Science (08/2019 - Present) – Worked as Teaching Assistant for intro OOP course in Java. Taught different aspects of OOP in lab sessions and helped students with assignments and test preparation for 3 hours twice a week as a full-time student.

Foundation Sports Camps (08/2018 and 2019) – Summer counselor and coach at a sleep-away running camp in Camp Pontiac, NY.