Mr. Azmain Amin

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Education

Washington and Lee University	CGPA/Major GPA: 3.8/3.843
Bachelor of Science <u>with Honors</u>, Computer Science	Graduation Year: 2017

Experience

Software Engineer   August, 2017 – Present
EBSCO Information Services   Durham, North Carolina
- Overhauled the whole Novelist Select UI, replacing jQuery template based UI with React that led to increase in revenue and new customer acquisation
- Designed, implemented and tested API endpoints for Novelist Select to implement Accelerated Reader feature.
- Participate in agile activities to strategize the roadmap of products, focused on client needs.
- Tools Used: C#, .Net MVC, NUnit, JavaScript, React, SQL Server, Jenkins

Cofounder and Technical Lead   April, 2018 - Present
The R-Squared Project (www.rsquaredproject.org)
- Architect technical projects i.e. creating an API to query data about Bangladesh
- Directly supervise developers. Implement an agile approach and oversee completion of projects

Software Engineering Intern   June, 2017 – Present
Xactly Corporation   San Jose, California
- Add features and write test cases for Xactly Connect (ODBC/JDBC drivers/REST APIs)
- Built a test coverage reporting infrastructure for Connect's unit and integration tests using Clover.
- Tools Used: Java, JUnit, TestNG

Software Engineering Intern   June, 2016 – September,2016
Continental Utility Solutions Inc. (CUSI)   Jonesboro, Arkansas
- Implemented core features like 'Quick Pay', 'Swagger interface for APIs' and 'SMS Subscription' in CUSI's Utility Management Software and Payment Portal web app
- Tools Used: C#, Javascript (ES 6), SQL, Visual Studio, Git, Restful APIs, ASP.NET, Aurelia

Relevant Projects

Honor Thesis (An automated testing framework for web applications)
Researcher and Author
- Using genetic algorithms to automate efficient test case generation for web app testing based on logged user sessions. Building a modular automated testing framework.

GrubShare (Connects restaurants with excess food with food banks)
Project Manager and Lead Back-end developer (for both web-app and Android app)
- Implemented the registration module and integrated arcGIS map API with our web app
- Integrated AWS Cognito, NoSQL DB and Google map API with our Android app
- Used Django Framework, JavaScript, arcGIS API, Google Map API and AWS

Sign Following Robot
Team leader
- The robot looks for a blue sign, moves towards it and executes what the sign says.
- Used Python, OpenCV and PyTesseract

Leadership

Member, Omicron Delta Kappa (National Honor Society for Leadership)	2016 - 2017
***Founder and President**,* Washington and Lee BP Debate Club	2014 –2016

Skills

Computer: Python, Java, JavaScript (ES6), C#, Node.JS, Express.JS, React, SQL, GIT, ASP.NET, Android Development, Java WebApp Development, JUnit, Django Framework, Bootstrap/MaterializeCSS, RESTful APIs

Business: Entrepreneurship-(Winner of 4 pitching competitions), Social Entrepreneurship

Language: Bengali (Fluent), English (Fluent), Hindi (Working proficiency), Arabic (Intermediate)