SIRFAME LIN

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Seeking a Software Development Engineer position at Expedia to employ my Java and full stack web development skills, as well as to advance my curiosity in AI.

Skills Summary

Programming: Java, C#, JavaScript, Python, Swift, Go, PHP, MATLAB, LaTeX

Front-End: HTML, CSS, jQuery, AngularJS, Bootstrap, Protractor, Jasmine, Selenium

Back-End: .NET, Node.js, SQL Server, MySQL, PostgreSQL, MongoDB, Firebase

Cloud Services: Azure (IoT, Enterprise Integration, AI + Cognitive Services), AWS (EC2, Lambda)

Data Visualization and Reporting: PowerBI, Tableau, D3.js

Experience

T-Mobile   Bothell, WA

Software Developer   *June 2016 – Present*

- Developed a Skype Bot using the Microsoft Bot Builder C# SDK and incorporated Bot Intelligence Frameworks for NLP and sentiment analysis to serve as an automated Tier 0 IT help service hosted in Azure.
- Designed and delivered a solution to track in-store appointments using SharePoint for 87 T-Mobile retail locations and customized the front-end to meet the customer's acceptance criteria, praised as a highly successful pilot program by the C-Suite.
- Streamlined Azure logic applications to handle redundancy between test, development, and production SharePoint online servers.

Concur Technologies   Bellevue, WA

Software Engineer Intern   *June 2015 – August 2015*

- Developed an iOS application in Swift that allows users to automate expense reporting using voice commands through the Apple Watch.
- Deployed a Node.js web server onto an AWS EC2 instance to handle API calls on the back-end while using MongoDB to store data and Express middleware to route app logic.
- Utilized VirtualBox VMs to organize and separate projects into isolated bins to avoid confusion during development.
- Leveraged GitHub as the primary version control to increase the team's productivity and to track issues.
- Wrote robust UI behavior test cases using the Jasmine framework and automated with Selenium.

University of Washington IT   Seattle, WA

Developer Intern   *Mar. 2014 – June 2016*

- Lead the migration effort of over 1,000 pages from legacy CMS to Drupal.
- Initialized a test environment with MySQL and Drupal to enable redundancy between test and production environments.

Education

University of Washington   Seattle, WA

Bachelor of Science in Informatics; Focus in Information Architecture; Dean's List 2013-2016   *Graduated June 2016*