

Sirfame Lin

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Proficient full stack systems developer with newly acquired skills from hands-on experience with Swift2 and Firebase and an intellectual curiosity grounded in software engineering and mobile app development.

EDUCATION

UNIVERSITY OF WASHINGTON BS IN INFORMATICS

Graduated June 2016 | Seattle, WA
Focus: Information Architecture
Honored Dean's List

SKILLS

PROGRAMMING

Proficient:

Java • Swift • JavaScript • SQL

HTML • CSS • Bash

Comfortable:

C# • PHP

NoSQL • Windows PowerShell

Familiar:

Python • MATLAB • \LaTeX

FRAMEWORKS AND TOOLS

Front End:

AngularJS • jQuery • Ajax

Back End:

.NET • Node.js • SQL Server

MySQL • PostgreSQL • MongoDB

HTTP Request/Response

COMMUNICATION

Foreign Language:

Mandarin Chinese (Fluent)

Methodologies:

Agile Scrum • Waterfall

COMMUNITY

VOLUNTEER

API Mental Health & Wellness Summit

Tzu Chi Teacher's Assistant

Salvation Army Toy n' Joy

CERTIFICATIONS

SafeTALK Suicide Prevention

EXPERIENCE

T-MOBILE | SOFTWARE ENGINEER INTERN

Bothell, WA | 2016

- Developed a Skype Bot as a Tier 0 IT Help Desk using the Microsoft Bot Framework with the Node.js SDK and the .NET SDK and deployed onto Azure.
- Incorporated Bot Intelligence Frameworks including LUIS for natural language processing and several API's under Microsoft Cognitive services.
- Developed an ASP.NET MVC web application for Active Directory queries that generates a CSV file of direct reports to be fed into Visio for quick organization chart creation for the entire Enterprise IT Department.

CONCUR TECHNOLOGIES | R&D MOBILE APP DEVELOPER INTERN

Bellevue, WA | 2015

- Quickly adapted to a new technical environment to develop a mobile application in Swift that allows users to automate expense reporting using voice commands through Apple Watch.
- Deployed a Node.js server using several frameworks and middleware including Express and Mongoose onto an AWS EC2 instance to send and receive data from several RESTful API's.
- Utilized Git during development to effectively work on a team and gained a deep understanding of HTTP methods, asynchronous programming, and promise-based solutions.

THE SEATTLE BUZZ PROJECT | FULL-STACK DEVELOPER

Seattle, WA | 2014

- Built a Seattle based search service in nine one-week sprints using technologies such as the deployment of Apache Nutch web crawlers, SEO strategies and Google Analytics.
- Iterated through the UX cycle to develop a responsive website design using a Bootstrap framework and customization with the front-end stack in order to stay mobile-first.
- Streamlined search results with Apache Solr on an Ubuntu VM instance to retrieve and organize data from the web crawlers to display onto the front-end.

LEADERSHIP

PI ALPHA PHI FRATERNITY INC. | DIRECTOR OF FINANCE

Seattle, WA | 2013 - 2015

- Worked on the fraternity's executive cabinet and made administrative decisions regarding sensitive matters such as recruitment, installation banquets, and collaboration between other organizations.
- Cut costs by over 35 percent using QuickBooks to track expenses, and brought the fraternity out of a one thousand dollar deficit over the last fiscal year.