

SUNGJAE KIM

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Summary

Motivated student seeking job opportunities to work as a software engineer to contribute skills and abilities to the growth of the organization and gain knowledge and expertise.

Education

Bachelor of Science Degree, Computer Science
Georgia State University | Atlanta, GA

2013 - May 2018

Skills

- **Front-End** | HTML, CSS + Bootstrap, ReactJS + Redux, VanillaJS + jQuery, Angular
- **Back-End** | Node.js, C#, Java, SQL
- **Mobile** | React Native, Android Studio (Java), Xamarin (C#)
- **Computational** | R
- **VCS** | Git, Team Foundation Server (TFS), Visual SourceSafe
- **Basic Knowledge** | Arduino Programming, Assembly, C, GraphQL, PHP, Python

Experience

Software Development Co-Op
UPS | Atlanta, GA

Fall 2017

- Built predictive data models with historical data to forecast future incoming packages using Triple Exponential Smoothing (Holt-Winters) with R.
- Implemented parallel computation to speed up forecasting by 8x by making use of core clusters.
- Developed prototype for visualizing data for NPT Angular 2 web application to visualize data for base, actual, forecast, and plan using D3.js.
- Implemented drag and drop ability to move change-sets within proposal list of the NPT Application.
- Implemented Golden Layout to allow multi-window layout management.
- Refactored code to increase modularity and reusability by decoupling components.

Software Engineer Intern

Summer 2017

Intuit | Plano, TX

- Developed panel used for tax returns in ProConnect Tax Online using AngularJS.
- Built widget to allow accountants to create template requests using ReactJS + Redux.
- Set up Normalizr to normalize the incoming data to use in Redux store using.
- Refactored previously built widgets to use Redux.
- Built unit tests for widgets using Mocha, Chai, Sinon, Enzyme.

Software Development Co-Op

Spring 2017

UPS | Atlanta, GA

- Worked with the Transportation Technology Group (TTG) to develop inventory tracking using beacons.
- Built native Android application programmed using C# on Xamarin as a beacon receiver.
- Built RESTful API using C# as part of the inventory tracking system used by the receiver application, QR and barcode scanning application, and the UI.
- Built a Map UI using HTML, jQuery, Bootstrap on ASP.NET MVC with filtering and searching feature.
- Improved a driver dispatching ASP.NET project & an inventory management application for Windows Mobile 6.5 from a different team.

Software & Web Development Intern

2016 - 2017

Fyminds | *Atlanta, GA*

- Pollify - Built backend from scratch using Express, Node.js, and MongoDB. Built frontend from scratch using EJS, Bootstrap, jQuery.
- ICHot, TireAccents, ShunDaoGo, OsSpa, LifeArtsCabinetry - Set up and/or maintain WordPress sites for clients & built plug-ins using vanilla JavaScript and jQuery.
- Worktive - Developed native Android application for local job search using Android Studio using a custom API to search for jobs.
- Built Java program to scrap data from indeed.com using the Jaunt library.

Math Instructor

2015 - 2016

Mathnasium | *Norcross, GA*

- Tutored students K-12 in school math and SAT math
- 1st place math equation competition.

Activities

PantherHackers Tech Committee

2016 - 2017

Georgia State University | *Atlanta, GA*

- Hand-coded kata website to join the PH Tech Committee.
- Built and uploaded local dev environment to GitHub for their current website

Korean Undergraduate Student Association

2014 - 2016

Georgia State University | *Atlanta, GA*