

# SUNGJAE KIM

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## Summary

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Motivated new graduate 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

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**Bachelor of Science Degree, Computer Science**

2013 - 2018

Georgia State University | Atlanta, GA

## Skills

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

## Experience

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**Software Engineer I**

2018 - Present

Intuit | Plano, TX

- Working as a Software Engineer on the OIA team starting June 2018.
- Developed status page used for data conversion in ProConnect Tax Online.
- Built & contributed Step Flow component to the Intuit Design System (IDS).

**Software Engineer Consultant**

2018 - Present

Skitter | Norcross, GA

- Working as a Software Engineer Consultant starting June 2018.
- Review new code and provide necessary comments & advices to developers.

**Software Engineer Intern**

Spring 2018

Skitter | Norcross, GA

- Built Skitter's TV client platform using React Native from ground up for AndroidTV.
- Built custom key mapping of the remote control using device event emitters.
- Implemented Live TV using HTTP Live Streaming Technology (HLS).
- Wrote custom libraries in Java and JavaScript to bridge vendor libraries written in Java and C++ to React Native.
- Designed custom UI components used within the app.
- Built unit tests for over 90% coverage using Jest, Enzyme, and Istanbul.

**Web Development Consultant**

Spring 2018

Advanced Claims Technology | Alpharetta, GA

- Implemented AngularJS to an existing ASP.NET project.
- Refactored the entire codebase from vanilla JavaScript to AngularJS.

## **Software Development Co-Op**

Fall 2017

UPS | *Atlanta, GA*

- 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
- 1<sup>st</sup> place math equation competition.

## Activities

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### **UGAHacks**

February 2018

University of Georgia | *Athens, GA*

- Built frontend mobile app for Android & iOS using React Native
- Built backend service using Node.js & MySQL.

### **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*