Kevin Jung

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Resident of California

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PROGRAMMING LANGUAGES

Proficient

Java, C, C++, Javascript

Familiar

Matlab, Python, Kotlin, Verilog, C#, GLSL

EXPERIENCE

Maxim Integrated — *Software Intern/Contractor*

December 2017 - January 2018

Updated a driver for an embedded demo kit (microcontroller for wearables)

Fixed a bluetooth Android application written in Java and Kotlin

PROJECTS

Android Texting App (2nd place at HackUCSC)

Texting Android app allowing users to save message templates

Worked with a team of students during a 36 hour hackathon

SEADS Android App

Wrote an open source Android application to visualize power data

Utilized software design principles

Used object oriented design patterns

Published on the play store

Driver for Digital Potentiometer on Mbed

Created and uploaded a driver for a digital potentiometer

Wrote driver code that allows the setting of resistance values and the device's EEPROM over SPI bus

Oscilloscope and Logic Analyzer

Programmed a Raspberry Pi and PSoC to act like an oscilloscope or logic analyzer that worked well for low frequency signals.

EDUCATION

University of California, Santa Cruz
Computer Engineering, B.S.

September 2014 - June 2018

University Honor, Cum laude

GPA: 3.65

TECHNOLOGIES

Proficient

Git/feature branches, Android studio/SDK, Blender/API, Linux, Windows

Familiar

HTML, CSS, Procedural generation

AWARDS

2nd place UCSC Hackathon, Tech Cares 2017

Programmed an Android application with a team that lets users create and send pre-built texts

RELEVANT COURSES

Software

Intro to software engineering

Operating systems

Algorithms and Abstract Data Types

Advanced Programming – C++

Computer Graphics

Hardware/Embedded

Comp. Systems – C/Assembly

Microprocessor design

Logic Design

Feedback Control – Matlab

Real-time Embedded Systems Programming