Kevin Cho

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EDUCATION

University of Hawaii at Manoa, USA, Hawaii   Aug 2014 – Present

Bachelors of Science in Computer Engineering (CENG), Cumulative GPA : (3.83/4.0), **Expected May 2018**
- Received Chancellor's Scholarship awarded $10000/yr to the top 5% of freshman enrollment at UH Manoa

JOB/INTERNSHIP EXPERIENCE

University of Hawaii at Manoa, USA, Hawaii   Aug 2016 – May 2017

Undergraduate Research Assistant
- Designing edge computing system for IoT-based VR/AR applications

Amazon, USA, Seattle   May 2017 – Aug 2017

Software Development Engineer Intern
- In charge of implementation and scaling of the end-to-end Amazon Spark publishing experience using React Native/Flux and Java/Spring which is currently used in >80% of all published posts
- Designed backend to support two different API integrations
- Refactored existing code for increased readability and reusability
- Built unit and integration tests for 100% code coverage using JUnit, Jest, JaCoCo, and Istanbul
- Practiced Agile development, design principles, and version control (Git)

University of Hawaii at Manoa, USA, Hawaii   Aug 2016 – May 2017

Undergraduate Teaching Assistant
- Instruct on C++ and object oriented programming paradigm through labs and homework to 26 students weekly
- Design bash scripts to automate testing of lab assignments
- Lead 25 students in FPGA and basic digital circuit design through weekly labs

Northrop Grumman Aerospace Systems, USA, California   Jun 2016 – Aug 2016

Microelectronics Technical Intern
- Developed MATLAB GUI which streamlined amplifier loadpull and speed up postprocessing by 15%
- Simulated calibration structures using ADS and Sonnet 2D EM software packages

RELEVANT EXPERIENCE

Data Visualization Dashboard for Weather Sensor Data   Jan 2017 – Present
- Implemented plot generation through the plot.ly Python API for collected sensor data
- Pioneered unit and integration testing through pytest, coverage, and nose which led to 100% code coverage

Ambient Dynamix Google Nearby Android Application   Jan 2017 – May 2017
- Android plugin developer for an Internet of Things (IoT) smart gateway framework for IoT interaction
- Implemented prototype application with Google Nearby API for proximity-based web content loading

EXTRACURRICULAR

University of Hawaii IEEE – HKN Delta Omega Branch   Aug 2016 – Present

President
- President for SY 2017-2018 responsible for all external correspondance with the university
- Present funding reports and proposals to student organization funding committees

University of Hawaii IEEE Student Branch   Aug 2014 – Present

Webmaster