

KEVIN CHO

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OBJECTIVE

Seeking a software or hardware developer role that tackles challenging problems to improve peoples' daily lives

EDUCATION

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

Bachelors of Science in Computer Engineering (CENG), Expected Summer 2018, Cumulative GPA : (3.79/4.0)

- Received Chancellor's Scholarship awarded \$10000/yr to the top 10% of Hawaii high school graduates

JOB/INTERNSHIP EXPERIENCE

University of Hawaii at Manoa, USA, Hawaii Fall 2016 – Present

Digital Logic Design Lab Teaching Assistant

- Lead 25 students in FPGA and basic digital circuit design through weekly labs

Northrop Grumman Aerospace Systems, USA, California Summer 2016

Microelectronics Technical Intern Manager: Joseph Gonzalez

- Developed MATLAB GUI which streamlined amplifier loadpull and speed up postprocessing by 15%
- Conducted on-wafer RF parameter tests for X and G band InP amplifiers
- Simulated calibration structures using ADS and Sonnet 2D EM software packages

Tokyo University of Agriculture and Technology, Japan, Tokyo Summer 2015

Electromagnetic Research Intern Professor Takuji Arima

- Created tutorial for new lab experiment implemented by Basic Circuit Analysis I lab

RELEVANT EXPERIENCE

Stock Market Prediction & Calculation Algorithms Fall 2016 – Present

C++/Python Individual Project

- Built a simulation and graphical output predicted stochastic processes for various blue chip stocks in Python
- Created a computational model of profit/loss of discrete interval hedging in C++

Farmer's Market Locator Web App Fall 2016 – Present

React.js Individual Project

- Developed front-end and back-end using React and Redux
- Built search function to sort through farmer's markets by location and name based on JSON data

Automated Stock Price Scraper Fall 2016 – Present

Python Individual Project

- Developed automated python script for Google Finance stock scraper
- Exported stock data to SQL Database hosted on Raspberry Pi 3

Reconfigurable RF Devices Research Fall 2015 – Present

RF/Microwave Researcher

- Published two conference papers on reconfigurable liquid-metal-based RF devices
- Main author on undergraduate proposal which was funded \$2000

EXTRACURRICULAR

University of Hawaii IEEE Student Branch Fall 2014 – Present

Board Member

- Student Advisory Board Chair in SY 2015-2016

IEEE International Microwave Symposium 2018 Steering Committee Fall 2015 – Present