

Kevin Ta

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OBJECTIVE: To work during the Summer in an educational placement opportunity where I will be able to either work with hardware and build upon my knowledge or work with software to test and grow my abilities.

Available: Jan – Aug 2021.

EDUCATION

BS in Computer Engineering

(expected May 2022)

Rochester Institute of Technology, Rochester, New York

GPA: 3.73/4.0

TECHNICAL SKILLS

LANGUAGES: Python, C#, Java, ARM Assembly, VHDL, C

APPLICATIONS: Altera Quartus, ModelSim, Keil ARM Assembly, PyCharm, IntelliJ, Git, Rhino, Solidworks, Xilinx Vivado, GitHub, PSPICE, Visual Studio, Linux

HARDWARE: Multimeter, Oscilloscope, Waveform Generator, Soldering Iron, Microcontroller, FPGA

PROJECTS

Smart Raspberry Pi Doorbell

- Worked with Raspberry Pi GPIO, buttons, LEDs, and camera module
- Coded in Python and uploaded and pushed into Raspberry Pi through GitHub
- Captures image via camera after button pushed and notified user via email

WebCheckers

- Worked on a team with four other students
- Created a Java-based web server that allowed two players to play a game of Checkers
- Followed proper software guidelines and created the product efficiently

MIPS Processor

- Created Pipelining structure of a MIPS processor
- Coded in VHDL each stage
- Used FPGAs with scalability

WORK EXPERIENCE

Production Software Engineer Intern, Baker-Hughes

January 2020 – June 2020

Worked on a team to develop applications and features for production using C#, Python, C++.

Learned C#, events, event handling, and UI with Visual Studio.

Helped with a lot of bug fixes and testing.

Created a UI for a translation program.

Created production software for the new upcoming product.

Converted Powershell scripts to Linux scripts.

RIT TA, RIT Digital Computing Lab

January 2019 – January 2020

Help other students learn and understand the course Digital System Designs I (CMPE 160).

HONORS, AWARDS, & EXTRACURRICULAR ACTIVITIES

Society of Asian Scientists and Engineers, Professional development club

2018 – Present

Intramurals Volleyball

2017 – Present

Dean's List

2017 – Present