

Christopher Abajian

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OBJECTIVE

To build onto and utilize knowledge of Computer Engineering and Software Engineering principles and gain valuable experience through internships and co-op employment.

Available summer 2019 and spring through summer 2020.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, NY

Bachelor of Science in Computer Engineering, expected May 2022

GPA: 3.71/4.00

Awards: Dean's List Fall 2017 – present.

Courses:

Digital System Design I, II w/ Lab

Intro to Software Engineering

Intro to Embedded Systems w/ Lab

Computer Science I, II

SKILLS

Programming Languages:

Most experience with: VHDL, Python, Java, HTML, CSS, JavaScript

Little experience with: C++, ARM Assembly, PHP

Software: Altera Quartus, ModelSim, Vivado Design Suite, JetBrains products, MS Office

Hardware: Oscilloscope, Digital Multimeter, DC Power Supply

Development: Familiar with Agile and Scrum development processes.

PROJECTS/LABS

- Created a portable, solar powered Bluetooth weather station using Arduino and developed an Android application for the User Interface.
- Developed a web-app for nearby high school students to carpool to and from school during a bus shortage crisis.
- Designed a finite-state machine to detect a certain sequence of binary values and implemented and simulated the state machine using VHDL and ModelSim.
- Developed a color matching game for the Freedom KL46Z board which incorporated a serial I/O driver, a timer driver, and general-purpose I/O pins for LED indicators. Written in both ARM Assembly and C.
- Structurally assembling a Pipelined MIPS Processor using VHDL in ongoing laboratory.

EXPERIENCE

Web Developer, Schill Insurance Group, LLC.

May 2018 – September 2018

- Designed and built main website from the ground-up using Grav CMS for dynamic client creation and page edits.
- Implemented PGP encryption for enrollment forms that contain sensitive information.

Interface Operations Intern, Marathon Health

May 2018 – August 2018

- Reduced the overall processing time for demographic files in Microsoft VisualCron by analyzing and rearranging job schedules.
- Established a more complete record of schema mapping details for each interface used by Marathon Health.
- Queried and updated patient record counts using SQL.

Crew Staff, Little Caesar Enterprises, Inc.

October 2015 – August 2017

- Performed daily tasks such as store opening and closing procedures, training new employees, food preparation and customer interaction.

ACTIVITIES/INTERESTS

STEM Academy 2013 – 2017; Apps for Good (US mentoring extension); Soccer; Guitar