

Aaric Han

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EDUCATION:

Duke University (B.S.E)

Electrical and Computer Engineering & Computer Science

Durham, NC

August 2019 – Present

Relevant Coursework: Computational Methods in Engineering (Python, MATLAB), Data Structures and Algorithms (Java, Git), Fundamentals of Electrical and Computer Engineering (C++), Computer Architecture (C, RISC-V, Verilog), Intro to Signals and Systems (MATLAB), Operating Systems (C++, Java), Introduction to Microelectronic Devices and Circuits (Python)

In Progress: Digital Systems (C, Verilog, Assembly), Software Design and Implementation (Java, Git)

EXPERIENCE:

Duke University

ECE/CS 250 Undergraduate Teaching Assistant

Durham, NC

January 2021 - Present

- Teaching assistant for the Computer Architecture class at Duke (Spring 2021, Summer 2021)
- Taught and developed materials for C, MIPS, RISC-V, processor design, cache, and pipelining concepts
- Resolved students' questions on programming assignments or computer architecture concepts
- Received top ratings from students on my technical knowledge, communication clarity, and engagement with students in recitation and in office hours

Parti

Full Stack Software Developer

Durham, NC

December 2020 – Present

<https://parti.app>

- Founded a start-up focused on connecting event planners with event service providers in an intuitive web app
- Followed a scrum style development
- Designed and developed the Service Profile, Create Event, and Homepage pages
- Used React, Material UI, JavaScript, HTML, CSS, and Firebase for frontend and backend development
- Used Git for version control management

Counter Culture Coffee

Software Developer

Durham, NC

February 2020 - July 2020

- Worked with a small team to develop a web app to aid CCC in their analysis of coffee product manufacturing
- Used Google App Script to create the front-end UI and used Google Sheets for data formatting and calculations

Cisco

Internship Program Coordinator

Morrisville, NC

March 2019 - July 2019

- Coordinated a STEM Externship for high school students, teaching them about Cisco
- Managed an overall program budget of \$10,000 for organizing activities.
- Presented a capstone presentation to the program sponsor and organizer and ensured more funding and opportunities for future externs
- Resolved over 50 hardware/software equipment related issues throughout the duration of the program

SKILLS

Technical Languages: Python, MATLAB, HTML, CSS, JavaScript, React, Bootstrap, Firebase, Node.js, SQL, Java, C, C++, RISC-V, MIPS, Verilog

Proficient Languages: English, Mandarin

Technical Tools: Git, Microsoft Word, Excel, PowerPoint, Firebase, Adobe Photoshop, Premiere Pro, Figma