

Chaise Farrar

Embedded Systems Developer

PO Box 2978
Mississippi State, MS 39762
(662) 687-0127
chaisefarrar.xyz
chaise.farrar@gmail.com

EDUCATION

Mississippi State University — Computer Engineering

Expected Graduation Date: May 2019

Bagley College of Engineering

GPA: 3.29

EXPERIENCE

Circadence, Tupelo, MS — Intern

May 2018 - July 2018

- Documented quality assurance processes
- Developed multiplayer web-based cyber security game
- Designed website to view automated testing reports

Kopis Mobile, Flowood, MS — Co-Op

May 2016 - December 2017

- Designed Remote Wildfire Monitoring System for EPA Challenge
- Developed testing system for NTtv Platform
- Handled product requirement specifications with clients
- Created building access system with LDAP integration
- Designed custom PCB for building access system

SciX3, Washington, DC — Software Engineering Contractor

August 2016 - January 2017

- Rewrote parallelization engine for raytracer
- Developed system testing for code base
- Collaborated remotely with development team

PROJECTS

Capstone Project — IntelliRoast

Website: <https://intelliroast.github.io/>

IntelliRoast is creating a low cost in-home coffee roaster with a companion smartphone app to provide an easy to understand interface with a commercial grade feature-set.

SKILLS

Programming Languages:
C, Golang, C++, Python,
Javascript

Electronic Design:
Cadence EDA, Eagle, KiCAD

Embedded Design:
Microchip, STM, Arduino

Web Design:
Frontend, Backend,
Microservices

AWARDS / LEADERSHIP

Team Lead of ECE Senior Design - Elected by fellow teammates and responsible for the success of the project.

Electronics Lab Leader at MSU Makerspace - In charge over the Electronics Lab at the Factory.

FBLA Vice President - for Mooreville High School Chapter.