



# LAUREN ORSINI

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## SUMMARY

Passionate college student working towards a B.S. in Computer Science at Mississippi State University. Aiming to use and build programming knowledge in an entry-level position.



## EDUCATION

### **B.S. Computer Science | Mississippi State University**

JANUARY 2018 – PRESENT

GPA – 3.64/4.00

President's List and Scholarship Recipient



## CS EXPERIENCE

- Winner of HackGSU Hackathon 2019
- Participant of Hack the Future Hackathon 2018
- Recruiting Chair of ACM-W (The Association for Computing Machinery's Council on Women in Computing)
- Member and project leader of DevNet Programming Club
- Member of WiCyS (Women in Cybersecurity)
- Online Web Developer Bootcamp

### **Android Developer | IMPRESS Lab | MSU**

2018 – PRESENT

Work in the IMPRESS (Information Processing and Sensing) Lab, an extension of the Center for Advanced Vehicular Systems, developing Android apps for various research projects. Primarily making an app for the NEST drone station system, an autonomous drone house for keeping research control groups in drone research. Currently building an app that controls the doors, charging pads, roof, and drone itself so it can operate without human interaction.

### **Software Development Intern | C Spire**

SUMMER 2019

Worked in the Web Apps department at C Spire on the desktop and mobile websites. Used different front- and back-end technologies like AngularJS, JQuery, Java, Spring, Oracle business products, and version control with Git and Accurev. Took features and fixes from development to production-ready in an agile development cycle.

## Teaching Assistant - Grader | MSU

2018 – 2019

Graded various assignments for a Python programming course (Biomedical Programming) taken by upper-level biomechanical engineering students. Worked closely with the professor to evaluate students' code, check for errors, and give constructive feedback in a timely manner.



### SKILLS

- **Languages:** Java, Kotlin, Python, JavaScript, CSS
- **Frameworks / Libraries:** Android Jetpack, jQuery, React, Angular, VueJS, Express, Bootstrap, SASS, PUG
- **Databases:** MongoDB, SQL, SQLite
- **Version Control:** Git, GitHub, Accurev

### SELECT SOFT SKILLS

- Team Management
- Customer Service
- Conversational Japanese



### PROJECTS

#### Java & Kotlin

- Android app for NEST drone station that controls all aspects of drone and housing
- GNSS (Global Navigation Satellite System) application for logging GPS routes and generating log files
- Java Server and Socket system for chat app
- HackGSU winning Android app using Google Maps API, Petfinder API, Firebase, and Facebook login to connect people with local shelters needing short-term volunteers

#### Python

- TCP and UDP servers for text and video communication with Android app
- Server UI using PyQT, Tkinter, and Flask

#### Web Development

- eCommerce website using NodeJS, Express, MongoDB, PUG, CSS, Bootstrap, and deployed via Heroku
- Enterprise website for C Spire using Angular, JQuery, Bootstrap, and HTML/CSS
- Portfolio website using React (laurenorsini.dev)