

# JONAH SUSSMAN

Tuscaloosa, Alabama



**PHONE:** [Available upon request]

**EMAIL:** [sussmanjonah@gmail.com](mailto:sussmanjonah@gmail.com)

**WEB:** [jonahsussman.github.io](https://jonahsussman.github.io)

## EDUCATION

### **The University of Alabama**

May 2023

Tuscaloosa, AL

Bachelor of Science, Major: Comp. Sci. and Math

- Fall 2020 GPA: 4.0/4.0
- Honors Student
- Member of the UA Competitive Programming team and Digital Forensics Lab

### **McIntosh High School**

May 2019

Peachtree City, GA

- Graduated with final GPA 4.313/4.0
- Member of the Math and Science Honor Societies
- National AP Scholar

## EXPERIENCE

### **UA Digital Forensics and Control Systems Security Lab**

Oct 2020 – Present

Research Assistant

Tuscaloosa, Alabama

- Researched applying machine learning to detecting malware – specifically in the domain of the Android operating system.

### **Georgia Tech Research Institute**

June – July 2019

Electronic Systems Lab Summer Internship

Atlanta, Georgia

- Partnered with the US Air Force and the Museum of Aviation in Warner Robins, GA to design and construct a night-vision themed exhibit.
- Designed a feasible electronic system design for the project (PCBs, specific electrical components, computing hardware, et cetera...)
- Coded and designed an interactive GUI demonstration of night vision for the exhibit.
- Completed trainings, including:
  - Basic Soldering for Electronics
  - PCB Layout and Fabrication via PCB Artist
  - Mechanical Assembly Tools and Techniques
  - Electronic Systems Integration and Testing
  - Basic Laboratory Safety
  - 3-D Printing Tools and Technique

## SKILLS

- Fluent in a wide variety of languages including: C/C++, Java, JavaScript, Python, SQL
- Created many different applications such as:
  - Tool to automatically analyze human speech and separate the clip into words
  - Minimalist LISP interpreter
  - Closure-based OOP language
- Able to pick up new tasks quickly and efficiently, will not stop until task is properly done

## ORGANIZATIONS

### **'Bama IEEE**

Aug 2019 – Present

### **Golden Key International**

Feb 2020 – Present

### **UA ACM**

Aug 2020 – Present

Competitive programming team

### **UA Astrobotics**

Aug 2020 – Present

Junior Member, Software Sub-team

## COMMUNITY SERVICE

### **Alabama Action School Beautification Project**

Matthews Elementary

Aug 2019

- Traveled to the greater Tuscaloosa Area to help renovate schools in need

### **Math Tutor and Aide**

Sept 2018 – April 2019

McIntosh High School

- Tutored students who needed extra help in algebra, calculus, statistics and physics