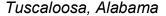
# JONAH SUSSMAN

PHONE: [Available upon request]EMAIL: sussmanjonah@gmail.comWEB: jonahsussman.github.io

**EDUCATION** 





The University of Alabama

May 2023

May 2019

Oct 2020 – Present

Tuscaloosa, AL

Bachelor of Science in Computer Science and Math

o GPA: 4.0/4.0

Honors Student

**EXPERIENCE** 

Graduated with final GPA 4.313/4.0

National AP Scholar

McIntosh High School

Peachtree City, GA

## UA Digital Forensics and Control Systems Security Lab

Tuscaloosa. Alabama

Research Assistant

- Interfaced with Tuscaloosa's traffic system, collated data and managed requests over a limited bandwidth network to present data to SUMO, a simulation to manage vehicles over road networks.
- Researched applying machine learning to detecting malware specifically in the domain of the Android operating system. Utilized VMWare, Android Studio, and TensorFlow 2.4

# Georgia Tech Research Institute

Jun – Jul 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...)
- o 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
- o 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

### COMMUNITY SERVICE

**UA ACM** Aug 2020 – Present Competitive programming team

**UA Astrobotics** Aug 2020 – Present Junior Member, Software Sub-team

Golden Key International Feb 2020 – Present

Aug 2019 – Present

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 Sep 2018 – Apr 2019
McIntosh High School

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