

GREGORY SHIPOWITZ

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EDUCATION

The University of Alabama, Tuscaloosa, AL

Master of Science in Computer Science

May 2022

Bachelor of Science in Computer Science, Minor in Mathematics

May 2021

GPA: 3.77

Honors College

Houston High School

CLASS OF 2018

Weighted GPA 4.46, Class rank 20 of 454

COMPUTER SCIENCE RELATED SKILLS

- LANGUAGES
 - C, C++, Bash, Java, Dart, HTML, CSS, Python, SQL, NoSQL
- OPERATING SYSTEMS
 - MacOS, Windows, Ubuntu 16.04, Ubuntu 18.04, Rasbian

EXPERIENCE

Research Assistant | University of Alabama College of Engineering

SEPTEMBER 2020 – MAY 2021

- Utilizing micro controllers (i.e. **Arduinos** and **Raspberry Pis**) to read input from a multitude of sensors, in order to build a system to help in the detection of flash flooding and prevent loss of life.

Assistant to the Senior Paralegal | Poag Shopping Centers, LLC

MAY 2020 – AUGUST 2020

- Utilized **SQL** to work with company data and to create user interfaces in Excel VBA.

MAY 2018 – AUGUST 2018

- Abstracting leases into company system and filing.

HONORS AND ACTIVITIES

- CRIMSON DEFENSE
 - Spring 2019-Present
 - Competition team member
- UNIVERSITY OF ALABAMA ASTROBOTICS
 - 2018-2019 competition year Junior member
 - 2019-2020 competition year Senior member
 - 2020-2021 Budget/Procurement Lead
 - 2018-2021 Software team member

- **TUSKA UAV**
 - 2018
 - Member
- **STUDENT ENGINEERS IN ACTION**
 - 2018
 - Member
- **ALABAMA STAND UP PADDLE BOARDING CLUB**
 - 2018
 - Member
- **CYBER PATRIOTS- NATIONAL CYBER DEFENSE COMPETITION**
 - 2017-2018
 - Team Ubuntu Specialist
- **HOUSTON CODING CLUB**
 - 2017-2018
- **NATIONAL HONORS SOCIETY**
 - 2017-2018
- **AP SCHOLAR**
 - 2017
 - Received scores of 3 or higher on three or more AP Exams
- **MU ALPHA THETA- MATH HONORS SOCIETY**
 - 2016-2018
 - Treasurer – 2017-2018 school year
- **HOUSTON JEWISH SOCIETY**
 - 2016-2018
 - Recruitment Specialist – 2016-2017 school year
- **NATIONAL SPANISH EXAM- LEVEL 2**
 - 2016
 - Bronze – scored between the 75th and 84th percentile nationally
- **BBYO- INTERNATIONAL JEWISH YOUTH GROUP**
 - 2014-2018
 - Positions held
 - Regional Recruitment Specialist – Winter Term 2017
 - Regional Secretary/Treasurer – Spring and Winter Term 2017
 - Chapter Recruitment Specialist – Winter Term 2016
 - Chapter Secretary – Winter Term 2015
 - Chapter Treasurer – Spring Term 2015
- **HOUSTON HONORS ACADEMY**
 - 2014-2018
- **HOUSTON CHESS CLUB**
 - 2014-2017