

OBJECTIVE Computer Science Internship Summer 2025

EDUCATION **Bachelor of Arts, Computer Science (BACS)** Expected May 2027
J.B. Speed School of Engineering, University of Louisville **GPA 3.7/4.0**
Honors Program and Dean's List Hours Completed: 68

SKILLS/COURSEWORK **Technical Skills**

- **HTML5, CSS, Javascript**
- **C and C++**
- **Python**
- **Cybersecurity**
- Java
- **Linux proficiency (bash, admin skills)**
- Experience with Windows and MacOS
- Extensive hardware knowledge
- Networking fundamentals
- MySQL (MariaDB) and PostgreSQL

APPLIED EXPERIENCE **Course Projects:**

Python Website scraper to display and share events on UofL's campus

- Tested two python libraries to determine which was better for parsing data
- Decided to use the iCalender library for network request efficiency
- Utilized webhooks to provide information of relevant events for our users on Discord, including events with complimentary food

Personal Projects: I am hosting a website (**HTML5** map using LeafletJS and **Flask** as a backend) to track the real-time location of public bus routes in Louisville. (See <https://tarc.stevenalexander.org>)
I'm always working on new projects at <https://stevenalexander.org>

IT Aide: I helped students and teachers solve various technical issues. I installed software, set up printers and computers, and answered general technical questions on a daily basis. I used ticketing software to keep track and report my progress, and Excel to keep track of working, broken, and leased hardware. I worked directly with the end users, and provided technical training in addition to fixing issues.

WORK EXPERIENCE **Mathematics Tutor and Helpdesk Technician** April 2021 - August 2021
Russian School of Mathematics (RSM) Louisville, KY

- Tutored algebra and geometry to students over the summer break
- Installed Windows 10 as well as printer and antivirus software onto new laptops and desktops
- Helped to set up new hardware as needed

ACTIVITIES/HONORS **Member of the Speed Association for Computing Machinery (Speed ACM)** since 2023

National Cyber League individual competitions:
Fall 2023: **351st of 7879** nationally (<https://cyberskyline.com/report/H3Y29E1WQR5P>)
Spring 2024: **255th of 7406** nationally (<https://cyberskyline.com/report/RVK5VYVFMKHG>)
Fall 2024: **65th of 8484** nationally (<https://cyberskyline.com/report/QX37V56TMCA0>)

National Cyber League team competitions:
Fall 2023: **11th of 4672** nationally (<https://cyberskyline.com/report/49XAFKD8FM9K>)
Spring 2024: **45th of 4199** nationally (<https://cyberskyline.com/report/J78DU66RK97Q>)
Fall 2024: **12th of 532** (experienced students bracket) (<https://cyberskyline.com/report/MTLCETCUHKV9>)

Collegiate Cyber Defense Competition (CCDC) 2023 team competition, placed 1st in Kentucky

Hobbies:
I am passionate about learning about anything related to technology, and sharing my knowledge
I host a webserver at home that acts as a small cloud database
I act as a help desk technician for all my family and friends (websites, hardware/software installations)