

# SAM VILLAHERMOSA

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## EDUCATION

**Berea College, Berea, Kentucky, United States**

**Expected Graduation:** May 2025

**GPA:** 3.97/4.0

- **BA.** Computer & Information Science
- **Relevant Courses:** Building Better Apps, Graphic Com and Design, Electricity and Electronics, Software Design & Implement, Data Structures and Algorithms, Computer Organization, Discrete Math, Programming Languages, Open Source Software Engineering
- **Honors and Awards:** Full Scholarship for Four Years of Undergraduate, Dean's List

## SKILLS

- **Programming:** Python, C++, Java, Object-Oriented Programming, HTML/CSS, JavaScript, SQL, KQL
- **Developer Tools:** Git, GitHub, VS Code, Visual Studios, Eclipse, PyCharm, Firebase, Unix
- **Languages:** English, Chinese, Cebuano

## EXPERIENCE

**IT Technician,** Information Technology Department, Berea College, Berea, KY

Jan 2023 - Present

- Provided technical support to 500+ students, faculty, and staff with various computer-related issues
- Troubleshoot hardware and software problems on 100+ devices, ensuring optimal performance for users.
- Conducted 50+ system upgrades and installations to improve functionality and security.

**Complex Assistant,** Alumni Building, Berea College, Berea, KY

Aug 2021 - May 2022

- Communicated to 500+ visitors and donors of Berea College, ensuring positive experiences and satisfaction.
- Organized and executed 5+ successful events that increased student participation and engagement by 40%.
- Demonstrated empathy towards guests, resolving 95% of guest complaints within 24 hours.

## PROJECTS

**Runestone Academy** | PreText, HTML/CSS, Git, JavaScript, Python, SQL, Unix

Aug 2023 – Present

- Contribute actively to an open-source project dedicated to creating engaging interactive textbooks for students.
- Collaborate with a global community to address issues, enhancing features to elevate the learning experience.

**Task App** | HTML/CSS, JavaScript, Firestore

Oct 2023

- Engineered an intuitive web application, streamlining task management and note-taking for users.
- Implemented Google's Firebase Firestore for efficient data storage and retrieval.

**Uzbek Programming Language** | Python

May 2023

- Worked with a teammate to create an Uzbek programming language tailored for native speakers, breaking down language barriers in coding.
- Employed grammar, lexemes, tokens, abstract syntax trees, and parsers to construct the language effectively.

**Chess Game** | Java

Mar 2023

- Constructed comprehensive chess logic, including computer gameplay and the latest rule sets.
- Developed a user-friendly graphical interface and incorporated features for an engaging gaming experience.

**Animal Guessing Game** / C++

Nov 2022

- Implemented an animal guessing game using a Binary Search Tree and nodes.
- Designed the game to expand and include new animals based on user interactions, ensuring ongoing engagement and growth.

## ACTIVITIES

**Member,** Code Together, Berea, KY

Aug 2022 – Present

- Provide resources, foster alumni connections, and offer career insights to promote student success.
- Collaborate with peers to build a supportive community for skill development and career preparation.

**Member,** Google Developer Student Club, Berea, KY

Aug 2022 – Present

- Actively contribute to a global student-led network, improving technical skills through Google's developer resources.
- Coordinate with colleagues to create innovative solutions for local challenges, promoting creativity and problem-solving within the community.