

EREN Y. GUL

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EDUCATION

Berea College

Berea, KY

Computer Science & Economics

Aug 2021- May 2025

- **Scholarship:** Berea College Tuition Promise Full- Ride Scholarship (\$220,000 value), Noyan Tanberk Scholarship (\$17,675/year)
- **Relevant Coursework:** Data Structures and Algorithms, Software Design and Implementation, Open-Source Software Engineering, Human Centered Computing, Intro to Autonomous Systems, Electricity and Electronics, Calculus I, Discrete Math, Storytelling & Animation, Principles of Microeconomics, Principles of Macroeconomics
- **Technical Skills:** Python, C++, C#, Linux, SQL, HTML, CSS, Bootstrap, JavaScript, RESTful API, Flask, Jinja, Agile, Scrum, Git VCS, GitHub, PreTeXt, Arduino, Visual Studio, Visual Studio Code, PyCharm, NumPy, Pandas, Matplotlib, Microsoft Office, Data Analysis
- **Soft Skills:** Team Building, Leadership, Problem Solving, Analytical Thinking, Communication, Change Management, Conflict Mediation, Creativity, Adaptability

WORK EXPERIENCE

Berea College Labor Program Office

Berea, KY

Student Director

Aug 2023 – Present

- Manage 36+ academic departments in Berea College by using leadership and team building skills.
- Utilize effective communication with professors, labor supervisors, and labor students to create and lead a network of 250+ people serving in the academic division.
- Troubleshoot technical difficulties related to workplace IT technology and come up with efficient solutions.
- Mediate workplace conflict with professors, supervisors, and students to maintain open communication channels within departments.

Runestone Interactive

Berea, KY

Open-Source Intern

June 2023 – August 2023

- Utilize industry standard tools and software including Git, GitHub, VS Code, Linux, Python, CLI, PreTeXt, HTML, CSS, and JavaScript in an agile and scrum workflow to contribute 780+ lines of code for Runestone Interactive servers.
- Fix bugs and enhance the interactive online textbook written in PreTeXt for Open-Source Software Engineering that hundreds of students will use as their main course material in CSC 426 course in Berea College.

Berea College Computer Science Department

Berea, KY

Teaching Assistant for CSC 226 – Software Design and Implementation Class

Jan 2023 – May 2023

- Assist, tutor, and grade more than 50 students about Software Design in Python.
- Rewrite and optimize course material to create better resources for the students.
- Write, test and debug software in Python and C++.

TECHNICAL PROJECTS / OPEN SOURCE

- **Instagram Data Analyzer:** Developed a desktop app that analyzes data of a given Instagram profile and provides the user with meaningful output. Technologies used: **Python, Matplotlib, Pandas, Numpy, Tkinter**
- **Berea Taxi:** In progress of developing a web app that provides the Berea College students with a community-based transportation service to promote equal opportunity within the society and create a way for students without access to cars to travel in and out of areas with limited public transportation access. Technologies used: **HTML, CSS, JavaScript, Bootstrap, Python, Flask**
- **SLACKER:** Developed a smart coffee machine that can interact with the user using a Slack channel. It is completely wireless, allowing user to control the coffee machine from all around the world. Technologies used: **Raspberry Pi, Arduino, Linux, Python, Slack API**

LEADERSHIP

Google Developer Student Clubs

Berea, KY

Technical Lead

Oct 2022 – Present

- Lead a team of diverse 20+ people to develop mobile applications and websites for the community members.
- Organize events like Hackathon challenges to promote technical problem solution on campus.

Berea College Student Government Association

Berea, KY

Student Senator

Sep 2022 – May 2023

- Manage, allocate and invest \$45,000 budget by collaborating with other elected senators.
- Organize events on campus to promote and enhance social life of 1600+ students on campus.
- Write and vote on new policies that will positively impact the lives of current and future students.