EREN Y. GUL

www.erenyilmazgul.com | www.linkedin.com/in/erenygul | (212) 671 2953 | gule@berea.edu |
github.com/eygul

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#, HTML, CSS, Bootstrap, JavaScript, Git VCS, GitHub, PreTeXt, Arduino, Visual Studio, Visual Studio Code, PyCharm, NumPy, Pandas, Matplotlib, Linux, 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 – Present*

- 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, Django**
- ***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 – Present*

- 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.