

Shageldi Ovezov

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EDUCATION

Berea College, Berea, KY

Aug 2018 – May 2022

- **B.A.** Computer Science and Mathematics. **Cumulative GPA:** 4.0
- **Relevant Coursework:** Data Structures and Algorithms, Software Design and Implementation, Computer Organization, Android Development, Electricity & Electronics, Probability, Calculus I & II

SKILLS

- **Programming Languages:** Python, Java, JavaScript, C++
- **Web Technologies:** Flask, Jinja, Node.js, Express, Pug, Django, HTML, CSS, XML
- **Other:** MySQL, Peewee, MongoDB, Mongoose, Android, Firebase, GCP, Linux/Unix

OPEN SOURCE CONTRIBUTIONS

- **Howdoi:** Refactored the test suite implementing mock API responses, reduced testing time by almost 50%, and helped over 40 Howdoi contributors avoid reaching API rate limits [**Python**]
- **Jinja:** Implemented a new modifier for block statements to require certain blocks from child templates in the Jinja templating engine used by 390,000+ projects [**Python**]
- **Kids Eat:** Founded the project and developed a mobile app that helps the local non-profit announce its free meal events to 4,000 low-income community members and fight child hunger [**Java, Firebase, GCP, NoSQL database**]

EXPERIENCE

MLH Fellow, Major League Hacking

Jun 2020 – present

- Contribute to the open-source projects Howdoi, Jinja, Click, HTTPie, and FastAPI used by 700,000+ projects
- Utilize Python to fix bugs, add new features, and implement unit testing in an Agile environment
- Receive educational mentorship from a professional software engineer for 12 weeks

Student Software Developer, Berea College

May 2020 – Jun 2020

- Developed a full-stack application that enables 200+ labor supervisors to manage on-campus job statuses of 1600+ students
- Saved the administrative office \$122,000/year and 200+ hours of manual work per term replacing the third-party applications
- Utilized Python, Flask, Jinja, JavaScript, jQuery, HTML/CSS, MySQL, and Peewee ORM

Founder and Team Lead, Developer Student Club Berea | Google Developers

Sep 2019 – May 2020

- Developed the Kids Eat open-source application in sprints using the Scrum framework
- Enabled 4,000+ users to find free meal locations
- Led a team and organized technical workshops to introduce 30+ students to GCP, Firebase, web/mobile development

TECHNICAL PROJECTS

(more at github.com/ovezovs)

- **WeMeet:** A full-stack web app that allows hosting video conferences and chats [**JavaScript, Node.js, MongoDB, HTML, Vonage Video API**]
- **Instapic:** A photo sharing android app similar to Instagram utilizing Parse as its backend [**Java, Parse, Android Studio**]
- **Tweet:** An app that allows users to view their Twitter timeline and post a new tweet [**Java, Twitter REST APIs**]
- **Maze Mapper:** A CLI software that uses recursive and backtracking algorithms to map a maze enabling users to locate any object and create a path to the exit in any given maze map [**C++**]
- **Open Source Library:** A full-stack app that provides a collection of free books, articles, videos for students to learn programming, development, and other aspects of technology [**JavaScript, Node.js, Express, MongoDB**]

COMMUNITY LEADERSHIP

Student Entrepreneur, Entrepreneurship for the Public Good

Jun 2019 – Jul 2019

- Studied entrepreneurial leadership in the context of problem-solving in Appalachia in a team of 4 students
- Helped local businesses create more jobs for impoverished communities in Eastern Kentucky
- Partnered with Sustainable Berea to create more awareness of the opioid epidemic in the Appalachian region