

Sher Sanginov

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Education

Berea College, Berea, KY

Aug 2015 – Dec 2019

- **B.A.** Computer Science. **GPA:** 3.5
- **Relevant Courses:** Software Engineering, Database Systems, Design and Analysis of Algorithms, Data Analytics, Cybersecurity, Networking
- **Scholarships/Awards:** Four year Full Tuition Scholarship, Facebook's 2019 Defcon/Blackhat Scholarship Recipient

Work Experience

Technology Summer Analyst, Morgan Stanley

Jun 2019 - August 2019

- Automated the redundant task of classifying documents uploaded by clients in the on-boarding process and extracting the needed information by developing a web app that uses Angular for front-end and Java for back-end.

Cybersecurity Tech Fellow, Codepath.org

Jan 2019 – May 2019

- Helping to increase the largest pipeline of high-performing underrepresented engineers in tech via Codepath, a nonprofit that has raised \$1 million from Facebook and is bringing industry level courses into 23+ universities.
- Brought Facebook-designed 12-weeks cybersecurity course to campus by teaching 25+ students the fundamentals of web application security through the hands-on experience that resulted in them going from zero security experience to having a solid understanding of cybersecurity.

Machine Learning Intern, NERSC, Berkeley National Lab

June 2018 – Aug 2018

- Developed a web app that uses machine learning models to automate the task of classifying research papers into their funding source which lead to saving the lab thousands of dollars that were previously spent in people-time attempting to match papers to their funding source.

Full Stack Student Developer, Berea College Computer Science

June 2017 – Present

- Working part-time as a lead student developer 500+ hours on campus as part of the student labor program
- Designed and developed 3 web applications used by 1600+ students and 300+ faculty in a team of 8 using the agile methodology.
- Made administrative workflow of Berea College departments and offices more efficient by saving faculty and staff 200 hours per term.

Projects

<https://github.com/sanginovs>

- **Fatima:** Tinder-like mobile app to help Muslim singles to find their match by swiping left to right. [React Native, Expo, Firebase, ES6]
- **Worldchat:** social networking web application built with Flask web framework that makes it easy for users to connect, chat and share with their friends and family online.
- **MyLibrary:** library management system built for managing the library and members, check-in/check-out books. [Django/MySQL, Bootstrap, Javascript]
- **BankTalk:** a web app with a virtual banking assistant that keeps track of transactions and gives budgeting suggestions. [Amazon Alexa, Python(Flask), Mysql, Bootstrap]

Skills

- **Languages:** Python, JavaScript, Java, C++, SQL, HTML/CSS
- **Tools and Frameworks:** Bootstrap, Angular, React Native, Spring, Django, Linux

Activities

- **KhujandHacks:** organized the first ever hackathon in Khujand, Tajikistan (<https://goo.gl/tRe44j>)