# Sher Sanginov

101 Chestnut St. CPO 1377 • Berea, KY 40404

shersanginov6505@gmail.com • 859-893-7125 • www.shersanginov.com • www.linkedin.com/in/sher6505/

## Education

**Berea College,** Berea, KY                                                   **Aug 2015 – May 2019**
- **B.A.** Computer Science. **GPA**: 3.54
- **Relevant Courses**: Software Design and Implementation, Data Structures, Design and Analysis of Algorithm, Data Analytics, Software Engineering, Database Systems
- **Scholarships/Awards:** Four year Full Tuition Scholarship, Dean's List (3x)

## Work Experience

**Machine Learning Intern,** NERSC, Berkeley National Lab              **June 2018 – Aug 2018**
- Developed NLP model that predicts grant categories that funded the project based on the content of the publications with 85% accuracy. Deployed the model into production with web user interface
- Saved thousands of dollars that were previously spent in people-time each year attempting to match papers to projects

**Community Tech Outreach,** Khujand, Tajikistan                      **Jan 2018 – May 2018**
- Took a leave of absence from college to do tech-related community outreach in my home country Khujand, Tajikistan
- https://khujandhacks.github.io/ - Organized the first ever hackathon "KhujandHacks" in my hometown with the help of Major League Hacking
- Held seminars in universities and high schools about topics such as the importance of computer science, diversity, women in tech, entrepreneurship, and organized developer events
- *www.ackhujand.com* - Volunteered to build and deploy Library Management System for American Corner Library in Khujand, Tajikistan

**Software Developer Internship,** Berea College                       **June 2017 – Aug 2017**
- Developed Student Labor Analytics tool for the Labor Office Department at Berea College using Ruby, Rails framework, HTML/CSS, AJAX and JavaScript

**Full Stack Student Developer,** Berea College Computer Science        **Sep 2016 – Present**
- Designed and developed 3 web applications used by 1600+ students and 300+ faculty in a team of 8 using agile methodology
- Made administrative workflow of various Berea College department and offices more efficient by saving faculty and staff 200 hours per term

## Projects                                        (more at https://github.com/sanginovs)

- **ACKhujand**                                                      *https://ackhujand.com*
  Library System built for American Corner Library in Khujand, Tajikistan to manage their library, check-in/check-out books, manage library members. [*Django/MySQL, Bootstrap*]
- **Spero (**Global Virtual GovHack**)**              *https://github.com/ramantehlan/Spero*
  Decentralized job marketplace for refugees, asylums and NGOs. [*Python, JS, HTML/CSS, IPFS*]
- **BankTalk (**HackNC-2017**)**              *https://devpost.com/software/banktalk-xd25m0*
  A web application with a virtual banking assistant to make budgeting more convenient for everyone with a focus on those who may be suffering from a disability. [*NLP, Amazon Alexa, Python(Flask), Mysql, Bootstrap*]

## Skills

- Python, Django/MySQL, HTML/CSS, JavaScript
- NLTK, Tensorflow, Scikit-Learn, Keras

## Activities

- **BCHacks,** Hackathon at Berea College                              **Organizer (2017)**
- **Muslim Student Association**, Berea College                 **President (2015 – 2017)**