

# Sher Sanginov

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## Education

Berea College	Berea, KY	Aug 2015 – May 2019
<ul style="list-style-type: none"><li>• <b>B.A.</b> Computer Science. <b>GPA: 3.51.</b></li><li>• <b>Relevant Courses:</b> Software Design and Implementation (Python) Software Engineering Computer Networking</li></ul>		Full Tuition Scholarship.  Data Structures (C++ and Python) Design and Analysis of Algorithm Database Systems

## Work Experience

Software Engineer Internship	Berea College	June 2017 to Present
<ul style="list-style-type: none"><li>• Assist clients with any issues on production ready applications, while also maintaining and providing new features for the web applications.</li><li>• Develop Student Labor Analytics tool for the Labor Office Department at Berea College using Ruby, Rails framework, CSS, AJAX and JavaScript.</li><li>• Maintain systems and resolve 3+ issues per week on 3 live web applications.</li></ul>		
Software Developer	Berea College Computer Science	Sep 2016 to May 2017
<ul style="list-style-type: none"><li>• Designed and developed 3 web applications used by 1600+ students and 300+ faculty in a team of 8 using agile development methodology.</li><li>• Made administrative workflow of various Berea College department and offices more efficient.</li><li>• Reviewed Git pull requests, resolved merge conflicts and assigned issues to other team members.</li></ul>		

## Projects

(more at <https://github.com/sanginovs>)

- **WorldChat (2017).** A scalable 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. [**Python(Flask), MongoDB, Amazon Web Services, Javascript, Bootstrap**]
- **My Twitter App (2017).** Microblogging web application built with Ruby on Rails where users post and interact with messages restricted to 140 characters. [**Ruby on Rails, Javascript, Bootstrap, Sass, MySQL**]
- **HTTP Mail Server Protocol (Hackathon 2017).** A messaging server that uses socket-based communications to communicate data between a client and multi-threaded server in a manner that obeys a well-defined set of rules, or protocol. [**Python, Sockets, PostgreSQL**]

## Skills

• <b>Programming (Proficient)</b>	Python, Java, C, C++, JavaScript
• <b>Programming (Familiar)</b>	Lisp, Ruby, Go, PHP
• <b>Libraries/Platforms</b>	Flask, Ruby on Rails, Django, jQuery, AWS
• <b>Markup/Templating</b>	HTML, CSS, Liquid, Sass, Jinja, ERB, Markdown
• <b>Data/Databases</b>	MongoDB, PostgreSQL, MySQL, Machine Learning, Redis
• <b>Frameworks</b>	Agile, Lean, AJAX, MVC
• <b>Languages</b>	English(proficient), Russian(native), Tajik(native)

## Activities and Awards

- **Hackathons (2016-2017).**
- **Dean's List (3x).**
- **Certificate of Achievement: ACM Programming Contest Participant (2016).**