

Sher Sanginov

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Education

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

Work Experience

Software Developer Internship	Berea College	June 2017 to August 2017
<ul style="list-style-type: none">• Assisted clients with any issues on production ready applications, while also maintaining and providing new features for the web applications.• Developed Student Labor Analytics tool for the Labor Office Department at Berea College using Ruby, Rails framework, CSS, AJAX and JavaScript saving faculty and staff 200 hours per term• Maintained systems and resolved 3+ issues per week on 3 live web applications.		
Student Programmer	Berea College Computer Science	Sep 2016 to May 2017
<ul style="list-style-type: none">• Designed and developed 3 web applications used by 1600+ students and 300+ faculty in a team of 8 using agile development methodology.• Made administrative workflow of various Berea College department and offices more efficient.• Reviewed Git pull requests, resolved merge conflicts and assigned issues to other team members.		

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

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

Activities and Awards

- **Hackathons (2016-2017).**
- **President of the Muslim Student Association at Berea College (2016-2017).**
- **Dean's List (3x).**
- **Certificate of Achievement: ACM Programming Contest Participant (2016).**