Sher Sanginov

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Education

Berea College	Berea, KY	Aug 2015 – May 2019

- **B.A.** Computer Science. **GPA**: **3.51.**   Full Tuition Scholarship.
- **Relevant Courses**:

Software Design and Implementation (Python)	Data Structures (C++ and Python)
Software Engineering	Design and Analysis of Algorithm
Data Analytics	Database Systems
Computer Networking	Calculus 1

Work Experience

Software Engineer Internship	Berea College	June 2017 to Present

- Assist clients with any issues on production ready applications, while also maintaining and providing new features for the web applications.
- Develop Student Labor Analytics tool for the Labor Office Department at Berea College using Ruby, Rails framework, CSS, AJAX and JavaScript.
- Maintain systems and resolve 3+ issues per week on 3 live web applications.

Software Developer	Berea College Computer Science	Sep 2016 to May 2017

- 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
- **Programming (Familiar)**   Lisp, Ruby, R, Go, PHP
- **Libraries/Platforms**   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).**   • **Dean's List (3x)**.
- **Certificate of Achievement:** ACM Programming Contest Participant **(2016).**