Sher Sanginov

sanginovs@berea.edu • github.com/sanginovs • www.shersanginov.com

Education

Berea College	Berea, KY	Aug 2015 – May 2019

- **B.A.** Computer Science. **Dean's List** (3x). **GPA**: **3.51** out of 4. **Full Tuition Scholarship**.
- **Course Highlights**: Data Structures 236 (C++ and Python); Software Design and Implementation 226 (Python); Design and Analysis of Algorithm 440; Computer Networking 412; Calculus 1; Software Engineering 426 (in process); Database Systems 330 (in process);

Work Experience

Software Developer	Berea College Computer Science	Jan 2017 to Present

- Design and develop 3 web applications used by 1600+ students and 300+ faculty in a team of 8 using agile development methodology
- Make administrative workflow of various Berea College department and offices more efficient
- Assisting clients with any issues on production ready applications, while also maintaining and providing new features for the web applications.

Desktop Support	Technology Resources Center	Aug 2015 - May 2016

- Lead a team of four to work on different client issues
- Helped students to resolve their laptops' technical issues
- Fixed technical problems ranging from forgotten passwords, malware-affected laptops that required re-imaging to printing problems, and other hardware issues.

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

- **My Twitter App (2017).** Microblogging web application built with Ruby on Rails; demonstrates most of the real-world Twitter-like features such as authentication, user-management, user profiles and much more. [***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***]
- **Compiler (2017).** Simplified example of major pieces of a modern compiler written in Python language; Compiles functional programming function calls into Python-like function calls. [***Python***]

Skills

Programming (Proficient)	Python, Java, C, C++, Javascript
Programming (Familiar)	Lisp, Ruby, Go, PHP
Libraries/Platforms	Flask, Ruby on Rails, Django, jQuery
Markup/Templating	HTML, CSS, Liquid, Sass, Jinja, ERB, Markdown
Data/Databases	SQL, MongoDB, PostgreSQL, MySQL
Languages	English(proficient), Russian(native), Tajik(native)

Activities and Awards

- **Hackathons**
- **Certificate of Achievement (2016).** ACM Regional Programming contest in Louisville, KY