

Sher Sanginov

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Education

Berea College	Berea, KY	Aug 2015 – 2019
<ul style="list-style-type: none">• 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	Aug 2016 to Present
<ul style="list-style-type: none">• Design and develop 3 web applications used by 1600+ students and 300+ faculty in a team of 8• Make administrative workflow efficient by saving administrator, faculty and staff 200 hours per team• Make 2 of our web applications open source		

Desktop Support	Technology Resources Center	Aug 2015 - May 2016
<ul style="list-style-type: none">• Worked as the team member of TRC help desk• 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>)

- **Maze Game (2016).** A game in which a caveman uses several algorithmic concepts and data structures to find treasures in a 2D array-structured cave. **Python; Tkinter**
- **HTTP Mail Server Protocol (2017).** A messaging server that uses socket-based communications to communicate data between a client and server in a manner that obeys a well-defined set of rules, or protocol. **Python;**
- **Yahoo Stock Finance (2017).** An application which directly interacts with Yahoo Finance website, retrieves stock data, performs number of operations on stock data like calculating the moving average and graphing the stock data. **Python;**

Skills

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

Activities and Awards

- **President of Muslim Student Association at Berea College (present).**
- **Certificate of Achievement (2016).** Participated in the ACM ICPC Regional Programming contest in Louisville, KY

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- **Four year Full Tuition Scholarship (2015).** Awarded four year full tuition scholarship to attend Berea College
 - **Future Leaders Exchange Student Award (2013).** One of the 14 students in Tajikistan who won the competition from among 800 students that allowed us to live in United States for free as an exchange student