Dostonbek Toirov

✉ mr.toirov@gmail.com 🌐 dostonbek.com 📞 859-979-4556 in dostonbek-toirov ⬤ Dostonbek1

Education

Berea College, Berea, KY *Aug 2017 – May 2021*
- **B.A.** Computer Science & Mathematics. **GPA:** 3.75
- **Relevant Courses:** Software Design and Implementation, Data Structures, Theory of Computation, Networking, Data Analytics, Combinatorics, Linear Algebra, Calculus I & II & III, Differential Equations.
- **Scholarships/Awards:** Four-year Full Tuition Scholarship; Dean's List (4x)

Skills

Programming Languages	Python, JavaScript, C++, R
Web Technologies	Flask, Django, HTML, CSS, .NET, React.js
Data/Databases	MySQL, SQL Server, PostgreSQL
Other	Linux, Bash, Docker, Git, Machine Learning, Ansible, OpenShift
Languages	Uzbek (Native), English (Fluent), Russian (Conversational)

Work Experience

Software Engineering Intern, Red Hat *May 2019 – Aug 2019*
- Implement features in Python (including unit and integration tests) and contribute them upstream
- Partner closely with Quality Engineering to ensure that contributions are tested correctly
- Enhance internal tools and processes around the continuous building and testing of the project
- Work with other teams across the Red Hat portfolio

Student Software Developer, Information Systems & Services, Berea College *May 2018 – present*
- Maintained and improved 6+ web applications used by faculty and students of Berea College, including online fee payment application and myBerea portal
- Extensively working on projects using ASP.NET, Visual Basics, C#, Python, SQL and Docker

Teaching Associate, Computer Science Department, Berea College *Jan 2018 – Dec 2018*
- Helped a professor with taking quizzes and in-class teaching in Data Structures course
- Assisted two classes of 25+ students with individual and teamwork assignments during lab hours
- Graded quizzes and assignments of 50+ students

Co-author, Computer Science Department, Berea College *May 2018 – Aug 2018*
- Helped write two books "C++ for Python programmers" and "Data Structures and Algorithm with C++" which are available at the Runestone Academy
- Converted Python and Java codes to C++

Projects
(more at *https://github.com/Dostonbek1*)

- **Deep Learner - RevolutionUC Hackathon.** A desktop application used to build Artificial Neural Networks using solely GUI, without having to write a single line of code. **[Python, R, Tkinter, Machine Learning]**
- **Color Razor - Berea Local Hack Day.** Desktop application used for face and eye detection in pictures. Also used for giving different styles for pictures, such as changing pixel colors. **[Python, Tkinter, OpenCV, Machine Learning]**
- **Beruny Academy.** A web platform that gathers tutorials on learning English language, web development and computer programming. More at **beruny.com. [HTML, CSS, JavaScript, Python]**
- **Flowilio.** A startup started as a web and desktop application to easily originate and manage loans. More at **flowilio.com [HTML, CSS, JavaScript, Python, Tkinter, Saleforce]**
- **Good Morning - DerbyHacks.** An alarm clock developed by a group of three for Android devices that utilizes the devices' built-in GPS for turn-off functionality. **[*C#, Unity*]**
- **Calorie Tracker - BereaHacks.** A web application used to keep track of one's daily calorie intake; developed by a group of 5 students. 3rd place in Berea College Hacks. **[Python, Flask, PHP, HTML, CSS]**

Activities / Awards

- Open source contributor to **Ansible** and **Quipucords**
- Vice President of Infinity Math Club at Berea College (2018-present)
- Selected to be a member of Phi Kappa Phi Honor Society among top 7.5% juniors at Berea College (2018-present)
- A member of Pi Mu Epsilon Honor Society (2019-present)
- A member of Pi Tau Epsilon Honor Society (2019-present)
- The Most Creative Selfie Award at International Youth Summit 2017 in Tashkent among 300+ participants
- The Best Speaker of Public Speaking by Dale Carnegie Course (2015) from two groups of 35+ students