Doston Toirov

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

Education

Berea College, Berea, KY   *Aug 2017 – Dec 2020*
- **B.A.** Computer Science. **GPA:** 3.65
- **Relevant Courses:** Software Design and Implementation, Data Structures, Theory of Computation, Networking, Data Analytics, Combinatorics, Linear Algebra, Calculus I & II & III, Differential Equations, Numerical Analysis
- **Scholarships/Awards:** 4-year Full Ride Scholarship, Dean's List (5x)

Skills

- **Programming Languages:**   Python, C++, Java, JavaScript
- **Web Technologies:**   Flask, Django, HTML, CSS, C#.NET
- **Other:**   Linux, Bash, SQL, Docker, Git, Android Studio, React Native

Open Source Contributions

- **Ansible.** Added extra features to Ansible Galaxy, such as adding a sorting functionality for saved repositories, and fixed several issues on Ansible Workshops. **[Django, Angular, JavaScript, HTML, CSS]**
- **Runestone Academy**. Helped write the books "C++ for Python Programmers" and "Data Structures and Algorithms with C++" which are available at the Runestone Academy. **[Python, C++, Git, Java]**

Work Experience

Technology Summer Analyst, Morgan Stanley   *June 2020 – Aug 2020*
- Design, develop and maintain applications used by different business units
- Make system design decisions, evaluating, integrating and developing necessary software, and then test and deploy applications to production

Technical Program Manager, CodePath.org   *Dec 2019 – May 2020*
- Acted as a TPM/Instructor for CodePath Android University bootcamp offered at Berea College
- Worked with team of TPMs to coordinate weekly roles and manage a class of 20+ students
- Taught how to develop functional and deployable Android applications resulting in 2 teams of students winning "Best Overall App" and "Best Product Idea" awards on Demo Day of CodePath.org

Student Software Developer, Berea College   *May 2018 – May 2020*
- Built an online student fee payment application under 4 weeks and added an extra layer of security using end-to-end encryption, saving at least 2 hours of daily work time of the staff from in-person payments
- Developed 10+ applications during 2 years of active work resulting in an improved user experience and convenience for 1600+ students and 130+ faculty
- Automated data migration process from one database to another, saving an hour of my supervisor's daily work time from manual data entrance

Software Engineering Intern, Red Hat | IBM   *May 2019 – Aug 2019*
- Wrote scripts for an automated data upload to host inventory and for an automated testing of the project, reducing testing time by almost half
- Added support for RHEL 8 on the project installer using Podman, adding more options and convenience for project users
- Implemented features in Python (including unit and integration tests) and contributed them upstream in an Agile environment using bi-weekly sprints

Teaching Associate, 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 resulting in their higher grades and improved academic performance

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

- **Beruny Academy.** One of the largest online education platforms in Uzbekistan that offers free tutorials on learning English language, web development and computer programming to over 2,000 students. More at **beruny.com.**
- **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]**

Activities / Awards

- Completed 14-week-long Cyber Security course taught by CodePath.org and Facebook in top 3 out of over 100 students
- Selected to be a member of Phi Kappa Phi Honor Society among top 7.5% juniors at Berea College (2018-present)