

DOSTON TOIROV

✉ mr.toirov@gmail.com 🌐 dostonbek.com ☎ 859-979-4556 💻 dostonbek-toirov 🔄 Dostonbek1

EDUCATION



B.A. Computer Science & Mathematics, Berea College

August 2017 – May 2021

GPA: 3.75

Relevant courses: Data Structures, Software Design and Implementation, Computer Networking, Programming Languages, Database Systems, Open Source Software Engineering, Data Analytics (Machine Learning), Calculus (I, II, III), Combinatorics, Linear Algebra

WORK EXPERIENCE



Student Software Developer

May 2018 – present

Information Systems and Services, Berea College, Berea, Kentucky

- Maintaining and developing web applications used by more than 300 faculty and 1600 students, using Agile development methodology.
- Improving efficiency and usability of applications used by faculty, staff, and students.



Software Engineering Intern

May 2019 – August 2019

IBM | Red Hat, Raleigh, North Carolina

- 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



Computer Science Teaching Assistant

January 2018 – December 2018

Berea College, Berea, Kentucky

- Assisted students in the evening lab to enable them to successfully solve homework problems.
- Cooperated with faculty in managing a class and grade class assignments.

OPEN SOURCE CONTRIBUTIONS



Ansible by Red Hat

Added extra features to Ansible Galaxy, such as adding a filter function for saved repositories, and fixed several issues on Ansible Workshops.



Quipucords

Contributed over 3,000 lines of code fixing numerous issues and adding extra features to an upstream product during 14-week long internship at Red Hat.



Co-Authored Two Books

Helped write the 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 projects available on my GitHub at <http://github.com/Dostonbek1>)



Deep Learner

A desktop application used to build Artificial Neural Networks using solely GUI, without having to write a single line of code. Project link: <https://github.com/Dostonbek1/Deep-Learner>. [Python, R, Tkinter, Machine Learning]



Color Razor

Desktop application used for face and eye detection in pictures. Also used for giving different styles for pictures, such as changing pixel colors. Project link: <https://github.com/Dostonbek1/Color-Razor>. [Python, Tkinter, OpenCV, Machine Learning]



Beruny Academy

An online education platform that gathers tutorials on learning English language, web development and computer programming. Project link: <http://www.beruny.com>. [HTML, CSS, JavaScript, Python]



Flowilio

A startup started as a web and desktop application to easily originate and manage loans. Project link: <http://www.flowilio.com>. [HTML, CSS, JavaScript, Python, Tkinter, Salesforce]

SKILLS



Programming Languages: Python (most comfortable), C++, JavaScript, R (Data Analysis)

Web Technologies: HTML, CSS, Django, Flask, Bootstrap, VB.NET, React.js (basics)

Database: SQL, MySQL, SQL Server

Other Technologies: Linux, Bash, Docker, Ansible, OpenShift, Git

Natural Languages: Uzbek (native), English (fluent), Russian (intermediate)