

# Dostonbek Toirov

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## Education

### Berea College, Berea, KY

Aug 2017 – May 2021

- **B.A.** Computer Science & Mathematics. **GPA:** 3.88
- **Relevant Courses:** Software Design and Implementation, Data Structures, Theory of Computation, Networking, Linear Algebra, Calculus I & II, Differential Equations, Accounting I & II, Microeconomics.
- **Scholarships/Awards:** Four-year Full Tuition Scholarship; Dean's List (2x)

### Westminster International University, Tashkent, Uzbekistan

Sept 2016 – May 2017

- **Course of International Foundation Studies**, Distinction.
- **Relevant Courses:** Academic English, Context of Business, Quantitative Methods, Introduction to Law, Introduction to Information and Web Technologies.
- **Scholarships/Awards:** "The Most Eloquent and Persuasive Speaker of WIUT, 2016", 3rd place; The Best Public Speaker of WIUT, 2016.

## Skills

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|--------------------------------|--|
| • <b>Programming Languages</b> | Python, JavaScript, C++                                    |
| • <b>Web Technologies</b>      | Flask, Django, HTML, CSS, ASP.NET, React.js                |
| • <b>Data/Databases</b>        | PostgreSQL, SQL  |
| • <b>Other Technologies</b>    | Linux, Bash Scripting, Docker, Git, Machine Learning       |
| • <b>Languages</b>             | English (Fluent), Uzbek (Native), Russian (Conversational) |

## Work Experience

### Web/Database Analyst, Information Systems & Services, Berea College

May 2018 – present

- Maintained and improved 6+ web applications used by faculty and students of Berea College.
- Extensively working on projects using ASP.NET, Visual Basics, C# and SQL.
- Doing online training on DevOps, Docker, Ansible, React, Data Science, Networking etc.

### Teaching Associate, Computer Science Department, Berea College

Jan 2018 – present

- Helping a professor with taking quizzes and in-class teaching in Data Structures course.
- Assisting two classes of 25+ students with individual and teamwork assignments during lab hours.
- Grading 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>)

- **Beruny Academy.** A web platform that gathers tutorials on learning English language, web development and computer programming. More at [beruny.com](http://beruny.com). [**HTML, CSS, JavaScript, Python**]
- **Flowilio.** A startup started as a web and desktop application to easily originate and manage loans. Currently working in a group of three, and developing several desktop and web apps as additional to the main app. More at [flowilio.com](http://flowilio.com) [**HTML, CSS, JavaScript, Python, Tkinter, Salesforce**]
- **DerbyHacks - Good Morning.** 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**]
- **BereaHacks – Calorie Tracker.** A web application used to keep track of one's daily calorie intake; developed by a group of 5 students. 3<sup>rd</sup> place in Berea College Hacks. [**Python, Flask, PHP, HTML, CSS**]
- **Colorizr.** 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

- Vice President of Infinity Math Club at Berea College (2018-present).
- The Most Creative Selfie Award at International Youth Summit 2017 in Tashkent among 300+ participants.
- Delegate of Qatar to the General Assembly of New Silk Way Model United Nations Conference (Kazakhstan, 2017).
- Co-delegate of China to the General Assembly of WIUT International Model United Nations Conference (2016).
- Member of Crimson Crusaders team who won the 2nd place in Karl-Popper Debate Championship (2016) among 20+ teams.
- The Best Speaker of Public Speaking by Dale Carnegie Course (2015) from two groups of 35+ students.