

# TAHMID EFAZ

tahmidfaz.com // tahmidfaz@gmail.com // linkedin.com/in/tahmid-efaz // github.com/tahmidfaz // 859-979-2267

## EDUCATION

### B.A. in Computer Science

Expected graduation: May 2019

Berea College, Kentucky

**Relevant courses:** Data Structures, Software Design and Implementation, Computer Networking, Programming Languages, Database Systems, Calculus I, Calculus II, Discrete Mathematics, Software Engineering (currently enrolled), Data Analytics (currently enrolled)

## EXPERIENCE

### Research Intern

May 2017 – July 2017

University of North Carolina at Charlotte, North Carolina

- Utilized the NVIDIA CUDA framework to develop parallel applications for the GPU
- Improved runtime of sophisticated 3D mapping algorithms by 50 - 75 times by making them highly parallel using the GPU

### Software Developer

August 2017 - Present

Berea College, Kentucky

- Utilize the Agile development methodology to design and develop web applications used by more than 300 faculties and 1600 students
- Improve efficiency of applications used by my faculties, staffs, and students

### Computer Science Teaching Assistant

August 2016 - Present

Berea College, Kentucky

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

## PROJECTS

(More projects available on GitHub)

- **Earthquake Bot:** A bot that posts real-time earthquake alerts on Twitter (@GlobalQuakeBot) and shows a Map of the location of the epicenter. Receives over 100K organic impressions per month. [Python, USGS API, Twitter API, Google Maps API, Google Cloud Platform]
- **Web Development:** Lead a team of four on a web development project for the Madison County Health Department to help them with storing and visualizing survey responses [MySQL, PHP, HTML, CSS, Bootstrap, JavaScript, Google Charts API]
- **Book-Lookup:** Implemented a simple web crawler to get information about a book when the ISBN number of the book is provided [Python]
- **Racket Image Gallery:** Simple Image Gallery implemented using Racket, a Lisp variant programming Language. [Racket]
- **GIF bot:** A Twitter bot that can post GIFs on Twitter. Code available on GitHub. [Python, Twitter API, Giphy API]

## TECHNICAL SKILLS

- **Languages:** Python (most comfortable), C++, JavaScript, SQL, HTML, CSS
- **Technologies:** Git, Linux, Bootstrap, Flask, React (basics), MongoDB, Google Cloud, Slack

## AWARDS & ACHIEVEMENTS

- **Berea Tuition Promise Scholarship** – Scholarship awarded to students to waive their tuition and board for 4 years
- **Berea College Dean's list Spring 2017** – Awarded to students who attained a term GPA of 3.4 or more
- **Hackaton Participations** – 2016 to 2017