TAHMID EFAZ

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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

Software Developer   August 2017 - Present
Berea College, Kentucky

- Develop and design web applications with the Agile development methodology used by 1600+ students and 300+ faculty
- Improve efficiency of applications used my faculties, staffs, and students

Teaching Assistant, Computer Science   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.

Research Intern   May 2017 – July 2017
University of North Carolina at Charlotte, North Carolina

- Developed applications for the GPU using the NVIDIA CUDA Platform
- Improved runtime of 3-D mapping algorithms by 50 - 75 times

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), APIs, Slack

AWARDS

- **Berea Tuition Promise Scholarship** – Scholarship totaling more than $100,000 awarded to students to waive their tuition fees.
- **Berea College Dean's list Spring 2017**– Awarded to students who attained a term GPA of 3.4 or more.