TAHMID EFAZ

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EDUCATION

B.A. in Computer Science – Berea College, Kentucky   Expected graduation: May 2019
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

- Utilize the Agile development methodology to design and develop web applications used by more than 300 faculty and 1600 students
- Improve efficiency and usability of applications used by faculty, staff, 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

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 CUDA framework

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:** Led 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]*
- **Word Guesser:** A word guessing game that is 100% right all the time. Code available on GitHub. *[Python]*
- **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, R (basics)
- **Technologies:** Git, Linux, Bootstrap, Flask, MongoDB, Google Cloud, Slack, React (basics)

AWARDS & ACHIEVEMENTS

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