Rohit Barichello

410 Stasney Street, College Station, TX 77840

(832) 691-5349 | rohitbarichello@tamu.edu | github.com/rohitbarichello | rohitbarichello.com

OBJECTIVE

Seeking a summer 2020 internship in Software Engineering or Information Technology

EDUCATION

Texas A&M University, College Station, Texas   *May 2022*

Bachelor of Science in Computer Engineering, Minor in Mathematics

GPA: 3.32

Coursework: Data Structures and Algorithms, Discrete Structures for Computing, Digital System Design

PROJECTS

UAccess, TAMUHack   *Jan 2020*

- Created a web app that allows users to search for establishments that are disability accessible
- Implemented and connected a searchable MongoDB database to main app
- Gained experience with backend development in Express.js and Node.js

AggieTables, HowdyHack   *Sept 2019*

- Developed a web-based Python program to display open tables at university dining halls
- Collaborated with a 4-person team to find efficient solutions to problems facing the university
- Expanded technical skill set by gaining facility in use of TI-Launchpad and Flask

ACTIVITIES

Student Engineers' Council, Texas A&M University

Systems Administration Committee   *Sept 2019 – Present*

- Streamlined outreach of SEC through creation and maintenance of websites and user systems
- Increased understanding of web applications through development of a membership portal for SEC
- Carried out projects according to agile methodology
- Led an engineering competition for elementary school students at EnVision Conference
- Engaged the community and student body with engineering through educational and professional events
- Selected through application and interview with SEC executive board from a pool of 40 applicants

RELEVANT EXPERIENCE

SpaceCRAFT, Texas A&M University

Research Assistant   *Sept 2019 – Dec 2019*

- Leveraged programming knowledge as part of a research project to develop a virtual reality space mission simulation to train astronauts
- Improved realism of images rendered in the system by emulating a CMOS camera sensor in python
- Collaborated with a 10-member team to research and implement new methods of reducing noise in artificial images
- Guided direction of future projects by presenting research results weekly to a 50-member development team and professor

TECHNICAL SKILLS

Python	HTML	JavaScript
C++	CSS	Node.js
Java	Git	