

# Rohit Barichello

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## OBJECTIVE

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Seeking a summer 2020 internship in Software Engineering or Information Technology

## EDUCATION

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**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

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**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
- Strengthened abilities in backend web development using 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

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**TAMUHack**, Texas A&M University

Director – Logistics

March 2020 – Present

- Planning events, connecting with sponsors, and facilitating logistics for a hackathon with 800+ projected attendees

**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

## RELEVANT EXPERIENCE

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**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 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

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