

Michael Burke

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Currently searching for a paid internship for the Summer of 2020. Can start mid/late may

Education

- ❖ **Georgia Institute of Technology** – Atlanta, GA
 - Computer Science Major with Devices and Intelligence Threads (AKA Robotics)
 - Spanish Minor
 - Cumulative GPA: 3.67
- ❖ **Saint Edward's High School** (SES) – Vero Beach, FL

Skills

- ❖ **Web Development: React, Redux, Angular, .NET Core**
- ❖ **Java**
- ❖ **Python**
- ❖ **C/C#/C++**
- ❖ **Robotics: Arduino, Soldering, Circuitry and Sensing**

Though above are my most familiar, I have worked with many others (Assembly, Swift, HTML&CSS, VHDL, R) and am not afraid to step outside of my comfort zone to learn!

Experience

- ❖ **RippleMatch On-Campus Leadership Development Intern** – Early Fall 2019
- ❖ **ConocoPhillips IT Intern** – Summer of 2019 in Houston, TX
 - Eagle Ford iOF (Integrated Operations of the Future) Web Developer
 - Developed a solutions portal for Gulf Coast Operations
 - Full Stack Web Development making a product thousands of employees would use
 - Underwent PREP public speaking training
 - Formal presentation on Value Chain, Cybersecurity, and my project for one hour
- ❖ **Ask me about personal, homework, & class projects!**
 - Project Manager for 3D Feeling: 3D printing emotions from sentiment analysis on text
 - Cozmo Robot and Pacman AI (Intro to perception/robotics and intro to AI)
 - Hybridization of Images, Feature Detection, and VR/AR (Computer Vision)
 - NavMeshes, procedural content generation, and optimal path planning (Game AI)

Leadership

- ❖ **Georgia Tech Tribe B Captain** (*See activities below*)
- ❖ **Phi Delta Theta**
 - Executive Committee: Awards Chair (2018) and Philanthropy Chair (2019)
 - Planned and ran annual Crawfish Boil and Pig Roast events
 - Started an initiative to assist Hope and Steve Dezember with their everyday lives in person. Look up “Hope for Steve” and know their story!

Activities

- ❖ **Ultimate Frisbee**
 - Current Georgia Tech B Team Co-Captain (member since Fall 2017)
- ❖ **Robojackets**
 - Member of the Georgia Tech Battlebots Sumo Team (2018-2019)
- ❖ **Kickboxing & Capoeira** taken at the GT CRC