

Adrian Hossen

adrianhossen5@knights.ucf.edu | [linkedin.com/in/adrian5](https://www.linkedin.com/in/adrian5) <https://github.com/adrianhossen5>

EDUCATION

University of Central Florida

Bachelor of Science in Computer Science, Minor in Mathematics

Orlando, FL

Aug 2021 - May 2025

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, TypeScript, HTML, CSS, C#

Tools: Git, Azure DevOps, Heroku, Node.js, Discord.js, Prisma, PlanetScale

Certifications: MS Excel, MS Word, MS PowerPoint

EXPERIENCE

PM/SWE Intern

Microsoft

Seattle, WA

May 2022 - Aug 2022

- Worked in a small team to complete a project for my product group (Content Services).
- Developed a feature spec which detailed the scenarios we wish to implement.
- Collected user feedback and metrics in order to determine the scenarios and features for our product.
- Developed a product, under the guidance of a SWE mentor, with the intent of submitting it for production.

Lead Robotics Programming/Building Mentor

Glades Middle School

Miramar, FL

June 2016 - July 2019

- Utilized the EV3 Lab Software to aid students in programming their Lego Mindstorm robots for several obstacles on distinct First Lego League tables.
- Provided knowledge on the First Lego League tables and their respective obstacles.
- Assisted the students in building modifications to their EV3 robots.

Graphic Designer/Sign Manufacturer

Pro Signs and Lighting INC

Miami, FL

Jan 2016 - Jan 2020

- Designed custom signs based on client's request on Corel Draw and/or FlexiSign.
- Used a CNC router and vinyl cutter to print signs made of distinct materials, ranging from acrylic to aluminum.
- Installed signs at client locations, ranging from shopping centers to hospitals.

Head Technician

Tap the Keg

Orlando, FL

Dec 2020 - July 2021

- Improved Tap the Keg's existing hardware and network and provided necessary maintenance/troubleshooting allowing for a more efficient work environment.

PROJECTS

Ty Bot | *TypeScript, Node.js, Discord.js, Prisma, PlanetScale*

- Contributed to the UCF Knights Discord Server's bot by developing a birthday feature.
- Upon a user setting their birthday via slash commands, a profile for the user would be made on PlanetScale db.
- Ty Bot queries the PlanetScale db every day at noon and announces to the server if there are any birthdays as well as which user(s) they pertain to.

Pls Bot | *JavaScript, Node.js, Discord.js*

- Leveraged Tenor API in conjunction with the fetch() function to create a Discord bot that delivers specific gifs based on users' requests within a server.

Video Image Classification | *Javascript, HTML, ImageNet*

- Developed a program that classifies an object through a webcam utilizing a model that was trained using the ImageNet database.
- The program prints the current visible object's name as well as the model's confidence percentage of its attempted classification.