

Adrian Hossen

adrianhossen5@knights.ucf.edu | <https://github.com/adrianhossen5> <https://adrianhossen.dev>

EDUCATION

University of Central Florida

Bachelor of Science in Computer Science

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, TailwindCSS, Next.js

Certifications: MS Excel, MS Word, MS PowerPoint

EXPERIENCE

PM & SWE Intern (Explore Intern)

Seattle, WA

Microsoft

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

Miramar, FL

Glades Middle School

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

Miami, FL

Pro Signs and Lighting INC

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.

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.

Personal Portfolio | *TypeScript, TailwindCSS, Discord.js*

- Developed a personal portfolio utilizing the Next.js framework.
- Exercised the use of TailwindCSS to style nearly all the visible components.
- Hosting the site on Netlify and managing traffic on Google domains.

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.

Comp Notes | *TypeScript, Next.js, Prisma, PlanetScale, TailwindCSS, Next-Auth*

- Created an authenticated notes app where users can view, create, and delete notes at will.
- Upon a user creating a note, their note will be saved on PlanetScale db. A user can either view or delete this note.
- Utilizing Next-Auth, the program can verify if a user's session is valid enabling Comp Notes to only be used by authorized users.