

# Adrian Hossen

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## EDUCATION

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### University of Central Florida

*Bachelor of Science in Computer Science*

Orlando, FL

*Aug 2021 - December 2024*

## TECHNICAL SKILLS

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

**Tools:** Git, Azure DevOps, Node.js, Discord.js, Prisma, PlanetScale, TailwindCSS, Next.js, React

## EXPERIENCE

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### 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 mentor, with the intent of submitting it for production.

### Lead Robotics Programming & Building Mentor

Miramar, FL

*Glades Middle School*

*June 2016 - July 2019*

- Aided students in programming/debugging their EV3 programs for their EV3 robots.
- 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

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### 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, Next.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.

### College Event Website | *TypeScript, Next.js, Prisma, PlanetScale, TailwindCSS, Next-Auth*

- Implemented a college social platform which facilitated event and RSO administration for universities.
- Students are able to view events and RSOs with their respective locations, contact information, and description.
- Ensured security through the use of Next-Auth and a custom login/signup page disallowing unauthorized users from accessing the platform.

### 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.