Adrian Hossen

adrianhossen5@gmail.com https://www.linkedin.com/in/adrian5/ https://adrianhossen.dev

EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science in Computer Science   *Aug 2021 - December 2024*

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, TypeScript, HTML, CSS, SQL, C#
Tools: Git, Azure DevOps, Node.js, Discord.js, Prisma, PlanetScale, TailwindCSS, Next.js, React

EXPERIENCE

Software Engineer Intern   Seattle, WA
Microsoft   *May 2023 - Aug 2023*
- Will develop a feature spec which details the feature that will be implemented.
- Will implement a feature under the guidance of two Principal Applied Scientist Managers.

Product Manager & Software Engineer 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.

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 the database.
- Ty Bot queries the database 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.

University Connect | *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 verifiy if a user's session is valid enabling Comp Notes to only be used by authorized users.

Programming Language 0 Compiler | *C*
- Implemented a lexical analyzer, parser, and code generator for the PL/0 programming language.
- Enabled the steps of the compiler to be visualized via distinct output files.