

Boston MA 02115

# Ashwin H. Iyer

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## Employment

### Front-end Developer, Intern

Zeal IT Consultants

Summer 2025

Trinity AMS

- Developed the frontend for Trinity Industries' Asset Management System using React and Next.js.
- Increased sprint capacity for UI development by over 10 story points per sprint, accelerating the project timeline by 4 weeks.
- Increased overall team delivery capacity by 300% within one release cycle.
- Decreased page loading times by migrating from MobX to Redux in addition to implementing server-side rendering.
- Communicated directly with project owners, business analysts, quality assurance teams, and backend developers for story pointing, bug fixes, UAT testing, and API requirement gathering.

## Education

Boston, MA

Northeastern University

Fall 2024 – May 2028

- B.S. in Computer Science and Business Administration.

## Technical Experience

### Projects

- **Her Impact Project** (2020-Present). Built the website for the Her Impact Project, a non-profit organization that aims to support female founders.
- **Robotics** (2022-2024). The lead builder for my team, 7110A, where we designed, built, and programmed a robot for a specific game each year. C++, VEXcode.
- **Computer Science Club** (2020-2024). Vice President of the Computer Science Club, where I helped compete in the UIL team and tutor other students. Java, Python, C++.
- **Algorithmic Options Trading** (2023). Built an algorithmic trading tool that utilized the difference between implied volatility and realized volatility to suggest option strategies. Python, JavaScript

## Additional Experience and Awards

- **1st Place, AIFA Hacks:** Awarded the top prize in the AI for all hackathon hosted at the University of Texas at Dallas.
- **Category Winner, HackUTD:** Awarded the top prize in the Kintone challenge at HackUTD with over 875 participants.
- **3rd Place, VEX UIL Texas State 6A:** Achieved 3rd place VEX UIL Texas State 6A competitions.
- **Worlds Qualifier, VEX Robotics:** Qualified for the VEX Robotics World Championships in 2024 and made it to the round of 16.
- **State Qualifier, UIL Computer Science:** Qualified for the UIL Computer Science Texas State 6A competition in 2024.
- **Nationals Qualifier, Business Professionals of America:** Qualified for the BPA National Leadership Conference in 2022.

## Languages and Technologies

- **Languages:** C++, Java, Python, JavaScript, TypeScript, SQL, Kotlin
- **Frameworks & Libraries:** React, Redux, TensorFlow, Keras, Pandas, NumPy
- **Developer Tools:** Git, IntelliJ, Eclipse, PyCharm, Xcode, PostgreSQL, Microsoft ADO