Boston MA 02115   **Ashwin H. Iyer**   (682) 239-9481
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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.
- 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