

Boston, MA  
Availability: Jan – Aug 2026

# Ashwin H. Iyer

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## Education

Boston, MA	Northeastern University	Expected May 2028
<b>Candidate for Bachelor of Science in Computer Science and Business Administration.</b>		<b>GPA: 3.7</b>
<ul style="list-style-type: none"><li>– Junior Developer at NU Scout</li><li>– Relevant Coursework:<ul style="list-style-type: none"><li>* Discrete Structures</li><li>* Introduction to Databases</li><li>* Program Design &amp; Implementation</li></ul></li></ul>		

## 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

## Projects

- **Her Impact Project** (June 2022-Present). Built the website for the Her Impact Project, a non-profit organization that aims to support female founders. **HTML, CSS, Javascript**
- **HomeReady Pro** (November 2023). Built a website that analyzes financial data and leverages AI to assess homeownership eligibility, providing personalized recommendations to help users achieve their goal. **React, TypeScript, Insomnia**
  - Awarded the top prize in the Kintone challenge at HackUTD with over 875 participants.
- **PaveGuard** (October 2023). Developed an image recognition model to categorize potholes and other road fractures, enabling a crowdsourced approach to addressing city infrastructure needs. **React, Python, YOLO**
  - Awarded the top prize in the AI for All hackathon hosted at the University of Texas at Dallas.
- **Algorithmic Options Trading** (August 2023-December 2023). Built an algorithmic trading tool that utilized the difference between implied volatility and realized volatility to suggest option strategies. **Python, TypeScript, Pandas, NumPy**

## Work Experience

Front-End Developer, Intern	Zeal IT Consultants	May 2025 – August 2025
<ul style="list-style-type: none"><li>• Developed the frontend for Trinity Industries' Asset Management System using React and Next.js.</li><li>• Increased sprint capacity for UI development by over 10 story points per sprint, accelerating the project timeline by 4 weeks, and increased the overall team delivery capacity by 300% within one release cycle.</li><li>• Decreased page loading times by migrating from MobX to Redux in addition to implementing server-side rendering, resulting in a 94% decrease in page load times.</li></ul>		

## Interests

- Coding side projects.
- Attending hackathons.
- Reading finance books or computer science books.
- Trading alternative markets (crypto and prediction markets).
- Learning about financial strategies.
- Paper trading options.
- Writing blog posts.