



## About Me

My name is Adrian Maier, and I've been immersed in technology from a young age, growing up in a household where both my parents work in software. This exposure sparked my passion for programming and innovation, driving me to explore fields like machine learning, data structures, algorithms, and cybersecurity. As a high school IB student and leader in organizations like Robotics, DECA, and IB Council, I've honed my technical skills and teamwork abilities. I scored 53 on the senior Canadian Computing Competition (CCC) in 2025, demonstrating my programming proficiency. I'm especially proud of co-founding Echo Vision, a startup leveraging AI to create solutions for the visually impaired. I'm passionate about using technology to solve meaningful problems and push the boundaries of what's possible.

## Skills

- Programming Languages:** Java (Competitive Programming), Python (Deep Learning), JavaScript (Web Development), Swift (iOS Development), C++ (New Addition, currently learning for competitive programming)
- Tools:** IntelliJ IDEA, PyCharm, Git (3000+ contributions in 2024), VS Code
- Soft Skills:** Leadership, Teamwork, Problem Solving

## Extracurricular Activities & Achievements

- Leadership:** An exec in Robotics Club and IB Council, leading initiatives and collaboration.
- Competitions:**
  - Scored 53 on the CCC Senior 2025
  - Winner of Medal in a Waterloo Math Contests, showcasing strong problem-solving abilities.
- Programs:** Completed the DEEP Summer Program at the University of Toronto, gaining expertise in UX design, cybersecurity (encryption algorithms, certificates, handshakes), and deep learning. Developed a blockchain from scratch during the program.
- Contributions:** Over 3000 GitHub contributions in 2024, highlighting commitment to coding projects and software development.

## Education

**Cardinal Carter CHS (IB Program)**  
**Aurora, Ontario**

**Expected Graduation: 2027**

- Relevant Coursework: AP Computer Science A

## Major Project

Echo Vision | 2024 - Present

### Chief Technology Officer

- Description:** Co-founder of a startup focused on developing AI-driven software for individuals who are visually impaired.
- Key Achievements:**
  - Put together a developer and researcher team of passionate young people to work together on enriching the lives of the visually impaired.
  - Developed an agentic AI system that interacts with your personal device. (Research Preview coming soon)
  - More details at <https://echovision.world/>
- Other Projects:** I am constantly working on new smaller projects, some of which are publicly available on GitHub.

