

Tyler Arista

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EDUCATION

Calvin University
Bachelor of Computer Science, Data Science Minor
S-STEM Building Foundations for Success in STEM Scholar

Grand Rapids, MI
Graduated: May 2025
GPA: 3.3

Relevant Coursework

- Data Structures & Algorithms
 - Applied Data Analysis
- Web Development
 - Database Management
- AI/ML
 - Linear Algebra
- Predictive Analytics
 - Computer Architecture

Technical Skills

Languages: Python, C#, JavaScript, TypeScript, SQL, R, HTML, CSS
Frameworks & Tools: Angular, ASP.NET Core, React.js, Firebase, Bootstrap, Git, Postman, Azure
Data Visualization: PyData Stack (NumPy, Pandas, Scikit-Learn), Tableau, Matplotlib

EXPERIENCE

Software Engineer Intern
Steelcase | Grand Rapids, MI

May 2024 - May 2025

- Engineered a full-stack application using **ASP.NET MVC**, optimizing front-end UX with responsive design and improving back-end data handling, reducing product order processing time for **770 distributors**.
- Designed an interactive **Tableau** dashboard to track key performance metrics of a generative AI design tool, used **10,000+ times annually**, enabling targeted improvements by identifying usage trends.

IT Security Intern
Steelcase | Grand Rapids, MI

May 2023 - Aug 2023

- Deployed a company-wide password protection standard for **12,700 employees**, reducing security breaches from compromised passwords.
- Migrated Single Sign-On (SSO) Connectors using **Microsoft Entra** with zero downtime, reducing authentication errors and improving system reliability.

PROJECTS

Calvin Electronic Medical Record | Angular, NodeJS, Firebase

August 2024 - May 2025

- Collaborated with Calvin's Nursing Department to create an **Angular/Firebase** EMR training tool, replicating enterprise-grade functionality to support hands-on nurse education and reduce software dependency.

Tunelingual | Angular, Firebase

Nov 2024 - Dec 2024

- Developed a music translation app using **Angular** and **Firebase**, integrating Spotify and Musixmatch APIs to offer personalized lyric translations for language learning, enabling users to access translations in **over 10 languages**.