

Willam Chenevert

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EDUCATION

Missouri University of Science and Technology

May 2027

Bachelor of Science in Computer Science

GPA: 4.0/4.0

Courses:

- Data Structures
- Intro to C++ Programming
- Intro to Java Programming
- Discrete Math
- Digital Logic
- Calculus II

TECHNICAL SKILLS

Languages: Javascript, HTML, CSS, Typescript, Python, C++, C#, Ruby, SQLite, SQL Server, Java, XML, JSON

Developer Tools: Git, Github, Docker, VS Code, .NET

EXPERIENCE

Engineering Intern

May 2024 – August 2024

KnowledgeLake

St. Louis, MO

- Reworked the client-side error reporting system from a screen scraping-based approach to an API based solution, improving data capture scalability, cross-update stability, whilst reducing script and time complexity
- Added or updated 5 API endpoints and corresponding OpenAPI specs to support the procurement of service statuses and filtering, simplifying client and DevOps supervision
- Completed a coding bootcamp and developed a pseudo-star designer website using enterprise level tooling such as ASP.NET core, Typescript, and LESS and architectural patterns such as model view controller, inversion control, and domain driven design
- Calculated or estimated the basic properties of a star using mass and radius then animated and rendered the star using a html canvas

Programmer

Summer 2022 - 2024

ATH Collectibles

St. Louis, MO

- Established an application server (connect.athcollectibles.com), which stores sales into a SQLite database from the main ECommerce platform, enabling extensive company automation
- Using Google's Sheets API, I reorganized and automated the company's financial data tracking, reducing the accounting workload by 85%
- Integrated company's distribution platform with the application server, streamlining shipping and reducing manual entry errors
- Designed redundancy into the company's federal license compliance system
- Overhauled consignor and sales reporting with an SQLite to HTML interface, slashing compilation time from several days to several seconds
- Labelled and registered 100+ antique and vintage products individually valued from \$200 to \$5,000
- Researched and organized a \$30,000 bulk ammunition purchase, diversifying product sales

PROJECTS

Triangulation in 3D Space

August 2023

Finding players in a video game Space Engineers

St. Louis, MO

- Theorized a basic mathematical search pattern from one, two, and infinite triangulation points
- Scripted a program that, given a set of GPS coordinate points, returns a search area with test points
- Program predicts accuracy of points from the quality of the triangulation points
- Automatically displays the most probable points in a Google Sheet using Google Workspace API

ACTIVITIES AND HONORS

- Eagle Scout, MSHSAA State Vocal Competition (Gold Medalist), Top 25 Basses in Southwest Missouri
- Dean's List (2023 - Present), Design Team - Multirotor, ACM - Career, International Students' Club