

Aaron Arnason

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Education

Diploma in Computer Engineering Technology (Expected Graduation: December 2025)
Northern Alberta Institute of Technology, Edmonton, Alberta
Awarded the **Louise McKinney** scholarship for academic achievement, 2024

Bachelor of Science in Computer Engineering
University of Alberta, Edmonton, Alberta
Graduated: 2018

Skills & Professional Development

Programming: Python, C# (.NET), MSSQL, JavaScript, C, PHP

Software: Visual Studio, Visual Studio Code, Git/GitHub, Vim, Tmux, Linux (bash), Windows (cmd)

Hardware Tools: Multisim, KiCad, Oscilloscope/Logic Analyzer, Soldering Iron

Large Language Models: ChatGPT, Microsoft Copilot, Gemini

BSides Calgary, Las Vegas, Edmonton 2025, and DEFCON 32, DEFCON 33: Gained valuable insight needed to springboard into a career focused on securing the digital and physical world. I had the opportunity to network with professionals and explore current trends in information security.

Income Data Auction Parser via Automated Python Script: Scraped auction data using GET requests yielding HTML documents that could be processed using CSS selectors to target bid price for each item. Organized and calculated current bid price by looping over selected tags and adding to a total sum. The script replaced manual calculation cutting time from hours to seconds.

Basic First Aid & CPR/AED, Canadian Red Cross – Certified December 2024

Interests

Security-focused learner exploring secure programming and hardware standards. Studying Hebrew on Duolingo and learning Krav Maga self-defense. Exploring artistic expression through visual and literary mediums.

Work History

Taping and Drywall Specialist | Lead Hand & Independent Contractor

Various Employers / Self-Employed | 2007 – Present

Experienced in residential, commercial, and high-rise projects, with a focus on renovations and new buildings. Collaborated with project managers to aid in the estimation of execution, scheduling, material planning, and quality control. Promoted into roles requiring strong client communication, leadership, and technical acumen – both independently and in team environments.