Aaron Rhim

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Email | LinkedIn | GitHub | Portfolio Website

Technical Skills

Programming Languages: Python, Java, C/C++, JavaScript, HTML/CSS, Assembly (Y86)
Frameworks & Libraries: Flask, React, Node.js, TensorFlow, PyTorch, Tailwind, PostgreSQL
Tools & Platforms: Git, Docker, AWS (EC2, S3, DynamoDB, Bedrock), Linux (Arch, Ubuntu), Supabase, ROS 2

Relevant Experience

Startup Founder – Connections Dec. 2025 – Present
Git, n8n, Supabase, Render, Vercel, APIs, JS, React *Vancouver, British Columbia*

- **Co-Founded** an **agentic learning platform**, enabling talented individuals to easily monetize their skills
- Engineered the backend on n8n cloud, featuring a full threaded, multi-step API/web-scraping agents
- Business model surrounds a commission-based fee of 20% where within 2 days of launch, we received around **230 paying students**, 8 instructors, and over **23,000 impressions** on our social media platforms
- Receiving guidance and mentorship from Aaron Stuart, CEO of VANTEC Angel Network
- Applying as a **venture capital** to startup accelerators such as Y Combinator, Techstars, and Google for Startups

Software Co-Lead – UBC Rover Sep. 2025 – Present
Python, C++, ROS2, Linux, Mujoco, Robosuite, Git, Docker *Vancouver, British Columbia*

- Transformed team workflow by designing a Docker-based pipeline adopted by 40 members, significantly **improving collaboration** experience for new members
- Leading a four-member team to develop the Reinforcement Learning pipeline, coordinating progress and presenting weekly updates to align the rest of the team with our research and development efforts
- Managed project timelines, reviewed PRs, and hosted weekly reviews, ensuring transparency and progress
- Worked with the mechanical sub-team to develop a cohesive simulation environment and detailed robotic design mechanics (with modeling capability), achieving an **84% accuracy to the real world**
- Competing at the University Rover Challenge (URC) and the Canadian International Rover Competition (CIRC) in 2026

Software Member – UBC UAS Sep. 2024 – Aug. 2025
C++, ZMQ, YOLO, Tensorflow, PyTorch, Linux, Git, Docker *Vancouver, British Columbia*

- Achieved **2nd place** at the Aerial Evolution Association of Canada (AEAC) in 2025, demonstrating strong performance against top Canadian universities
- Developed an autoencoding denoiser based on the using GANs which enhanced image quality for the DL model below
- Applied transfer learning to the YOLOv8 object detection model to seclude IR emission in a live setting, improving overall detection accuracy by **27%**

Project Portfolio

Portfolio Website | *Vite, Tailwind, Supabase, React, Figma, Adobe Illustrator*

- Created an interactive and fun user experience through a full-stack website powered by Vite, React, and Tailwind CSS, featuring **over 15 projects**
- Implemented a gamified money concept that incentivizes the user to explore more of the website to learn more about me in a fun way

Education

University of British Columbia (UBC) Vancouver, BC
BS, Computer Science | GPA: 3.47 *Sep 2024 – Apr 2028*

- **Relevant Coursework:** Machine Learning, Data Structures & Algorithms (Intro & Intermediate), Computer Systems, Computer Hardware and Operating Systems, Linear Algebra (Honours), Discrete Mathematics