Anderson Lin

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EDUCATION

University of British Columbia   Vancouver, BC
Bachelor of Applied Science: Integrated Engineering   May 2026
Co-op Available for 4 - 16 months beginning May 2024
Relevant Courses:
- Introduction to Computational Engineering: 90%
- ELEC 205; Linear Circuits Lab: 98%

ENGINEERING STUDENT DESIGN TEAMS

UBC Supermileage   Vancouver, BC

Material Composites Sub-Team Member   November 2023 - Present
- Implemented standard material testing to determine the suitability of carbon fiber as a strategic substitute for aluminum components, with a focused goal of achieving a 50% reduction in component weight
- Utilizing SolidWorks for iterative design processes and precision testing of molds, specifically geared towards assessing tensile and compressive strengths

Shell/Aerodynamics Sub-Team Member   November 2022- November 2023
- Designed and optimized complex 3D vehicle models in Blender, blending artistic flair with technical precision
- Tested aerodynamic of vehicle prototype using wind tunnel tests, analyzing data to calculate drag coefficients and driving performance enhancements

NON-TECHNICAL WORK EXPERIENCE

Gamut Construction   Vancouver, BC

Construction Support Specialist   May – July 2023
- Applied hands on experience to ensure efficient project execution and coordination, gaining expertise in construction industry and management within 3 months
- Demonstrated consistent efficiency in diverse, fast paced projects, meeting deadlines, and contributing to heightened project completion rates

Silhouette Collision   Burnaby, BC

Administrative Support Professional   November 2020 – October 2022
- Proficiently organized financial data from over 2000 invoices using advanced Excel skills for accurate record-keeping
- Implemented innovative invoice sorting strategies to boost personal productivity by 10%
- Ensured secure handling of confidential financial documents and updated payrolls

PROJECTS AND TECHNICAL SKILLS

Projects: Forged Carbon Fiber Testing: *SolidWorks, Blender, Carbon Fiber Strips, Epoxy*
Line Following Robot: *C++, Arduino UNO, Sonar Sensor, UV Light Sensor, Servo Motors, Motors*
Arduino Claw: *C++, Servo Motor, Sonar Sensors*
One Percent App Prototype: *Figma Prototype*
Metonia App Prototype: *Figma Prototype*

Technology: Knowledge of HTML, CSS and programming in C++, JavaScript, Python. Experience with MATLAB, SolidWorks, Blender, Microsoft Office Suite, Adobe Creative Suite, Zoom

Languages: English (Native), Mandarin (Intermediate)