ALEX ASELSTYNE

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EDUCATION

Bachelor of Computing, Honours, Queen's University, Kingston, ON   **2021 – May 2025**
- Specializing in Data Analytics and Machine Learning
    - Classes in machine learning (MATLAB + visualization), general development (Java, Python, C), databases (SQL)
- Pursuing a Smith School of Business *Certificate in Business*
- Recipient of Upper Year Dean's Award of Excellence, Principal's Scholarship, Dean's Honour List with Distinction
- 4.3 cumulative GPA; A+ in all classes taken

Ontario Secondary School Diploma, White Oaks Secondary School, Oakville, ON   **2017 – 2021**
- Ontario Academic Scholar, Academic Honour Roll, 95%+ final average

PROFESSIONAL EXPERIENCE

Intern in Operations and IT Specialist, TBL Durables, Etobicoke, ON   **April 2023 – Sept 2023**
- Designed and built 60VAC-24VDC power supply modules to solve a *business-threatening* engine issue by self-educating on electrical engineering principles
- Implemented brand new inventory system for machine parts to allow 2x faster accounting and fewer lost parts
- Expanded business and management experience by contributing to *daily executive meetings* dealing with pricing, distribution, parts sourcing, etc.
- Produced paint machine tutorial video series for customers - writing, filming, and editing

Student Educational Technology Assistant, Queen's University (CTL), Kingston, ON   **Aug 2022 – May 2023**
- Provided effective and tailored technical support for professors to achieve 100% satisfaction rate by harnessing strong IT background and conversational skills
- Maximized support efficiency through focused growth of experience in 10+ applications (D2L Brightspace, Zoom, Microsoft Teams, Microsoft Office, PeopleSoft, etc.)
- Strengthened and applied machine learning background by writing content for Queen's generative AI (ChatGPT) awareness pages

Meat Clerk, Real Canadian Superstore, Oakville, ON   **June 2020 – May 2023**
- Increased department tagging efficiency by 2x by inventing and implementing a digital product lookup system
- Ensured a high level of customer satisfaction through memorization of over 50 product codes and matching descriptions
- Cultivated dozens of transferable skills including leadership, self-autonomy and teamwork while cooperating with over 20 meat department employees
- Zero sick calls in three years of work; highly reliable

TECHNICAL EXPERIENCE

- Python, Java, SQL, MATLAB, and Git experience with peripheral knowledge of C, HTML, CSS, and JavaScript
- Classes taken: Development Fundamentals, Linear Data Analysis (Machine learning/Linear algebra), Nonlinear Data Analysis (ML + AI), Database Management (MySQL), Software Architecture, Data Structures, Business for Entrepreneurs
- Created a parser for an undocumented musical instrument format, written in Java on personal time (GitHub)

ADDITIONAL INFORMATION + EXTRACIRICULARS

- Passion for tackling difficult problems; roadblocks in a project create opportunities for creativity
- Participant in multiple team-based Capture the Flag (CTF) hackathon events (QCTF, LACTF, vikeCTF, Summit CTF, etc)
- Love of music; prolific member of the Depeche Mode recreation community (See YouTube videos)
- Club roles:
    - Member – Queen's Data Analytics Association
    - Studio Staff – Qwave Music Production Club
    - Tenor - Queen's Chorus