

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 (data manipulation + visualization), 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/Nonlinear Data Analysis (Machine learning/Linear algebra), Advanced Data Analytics (cleansing, visualization, etc), Database Management (MySQL), Software Architecture/planning, Data Structures, Business (Intro, Accounting)
- 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; write + record songs with roommates in spare time
 - Club roles:
 - Development Project Group Member – Queen's Data Analytics Association
 - Studio Staff – Qwave Music Production Club
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