

Alexander Lee

✉ alexanderzhlee@gmail.com  linkedin.com/in/alex-lee7  github.com/RhythmicDigital  alexlee.app

I&IT developer and MMgt candidate with 1+ year of cloud and full-stack development experience in a government production environment. Proven ability to lead end-to-end technical migrations, automate infrastructure workflows, and ship user-facing products adopted at scale. Seeking to apply a strong technical foundation alongside emerging management and analytics competencies in product management, technical consulting, or systems analysis roles.

EDUCATION

Rotman School of Management, University of Toronto, Toronto, Ontario

Master of Management (MMgt)

2026 – 2027

- Coursework: Financial and Managerial Accounting, Management Analytics

Wilfrid Laurier University, Waterloo, Ontario

Honours Bachelor of Science – Computer Science

2021 – 2026

PROFESSIONAL EXPERIENCE

Ontario Public Service | Ministry of Public and Business Service Delivery, Toronto, Ontario

Provincial government ministry delivering digital services and contact centre solutions to Ontario residents

I&IT Developer/Analyst, 2024 – 2025

- Led the development of the Tribunals Ontario Contact Center cloud migration to **Amazon Web Services** and **Amazon Connect**, utilizing **CI/CD pipelines** and collaborating with cross-functional teams to meet project milestones.
- Built a configurable **Python** automation script (**Boto3**) to tag hundreds of Amazon Connect resources, reducing manual configuration time by 90%.
- Led development and maintenance of an open-source tab cycling/scheduling **Chrome extension**, incorporating client feedback and issue reports during agile iterations.
- Provisioned and configured 300+ users in **Amazon Connect**, ensuring a smooth transition from UAT to PROD environments and delivering ongoing support.
- Diagnosed and resolved defects in **DynamoDB** and **Amazon Connect**, executing UAT test scenarios and tracking progress using **Azure DevOps** and **Jira**.
- Deployed call center solutions to UAT for two OPS tenants using **AWS CodePipeline**, **Git**, and **Change Requests (CRQs)**, followed by validation and sanity testing.
- Developed and integrated defect fixes in **JavaScript**, **Python**, and **TypeScript**, creating pull requests to merge code into the production branch.
- Resolved accessibility issues in a video chat appointment scheduler to meet **AODA** compliance using **React** and **Node.js**.

SELECTED PROJECTS

TabCycle – Open-Source Chrome Extension

JavaScript, HTML, CSS, Chrome Extensions API

tabcycle.com

- Adopted by a provincial government agency for operational wallboard displays; product reached 5,000+ users through iterative stakeholder-driven development and continuous QA releases
- Designed scheduling engine using the `chrome.alarms` API to open and close tabs at user-defined times and recurrence patterns

AI-Driven Parking Optimization System

Python, PyTorch

github.com/RhythmicDigital/CP468-A1

- Built modular parking-assignment system using A* Search, Q-Learning, and DQN to optimize routing under stochastic traffic conditions; modelled as a Markov Decision Process with experience replay and action masking

ADDITIONAL INTERESTS AND ACHIEVEMENTS

- **Technical skills:** AWS (Connect, DynamoDB, Lambda, IAM, CloudWatch, CodePipeline), Python, JavaScript, TypeScript, Java, C#, SQL, React.js, Node.js, Git, Linux, Azure DevOps
- Founder, Magnilith – independent game studio; shipped Unity/C# titles with original mechanics and VFX systems
- Active hackathon participant – 8+ events; delivered end-to-end prototypes under time constraints