Christopher Lucinski

Guelph, ON

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Work experience

Coding AI Model Trainer **Sep. 2024 – Present**
Outlier *Remote*

- Training generative AI models by developing, reviewing, and optimizing multiple coding problems and solutions across several programming languages (Java, Python, JavaScript, C++).
- Increasing evaluation efficiency by developing structured test cases and performance metrics for AI-generated code.

Computer Science Teaching Assistant **Sep. 2023 – Dec. 2023**
University of Guelph CCS *Guelph, ON*

- Supported over 100 students weekly by providing individualized feedback on assignments and guiding them through course material in labs, resulting in a 15% increase in average test scores.
- Facilitated group discussions and workshops to enhance collaborative learning among students, resulting in a 30% increase in overall class participation levels.

Software Developer (Co-op) **Jan. 2022 – Aug. 2022**
Camis Inc. *Guelph, ON*

- Identified and resolved system bugs, contributing to a 25% reduction in customer support tickets.
- Collaborated with QA and dev teams to build and test customer-facing booking features.
- Participated in Agile ceremonies and documented technical changes for cross-team visibility.

Project Coordinator (Co-op) **June 2021 – Aug. 2021**
University of Guelph CCS *Guelph, ON*

- Led sprint planning and retrospective meetings, enhancing team alignment and boosting sprint efficiency by 18%.
- Managed team backlogs, wiki pages, and project artifacts, streamlining documentation processes and reducing information retrieval time.
- Produced detailed reports for internal meetings and public updates, improving stakeholder transparency and accelerating decision-making by 10%.

Junior Analyst (Co-op) **May 2020 – Dec. 2020**
University of Guelph CCS *Guelph, ON*

- Created an ASP .NET web application to display SQL data with interactive line charts, improving data visualization and decision-making.
- Analyzed databases and developed action plans for enhancements, resulting in a 30% increase in performance and reliability.

Computer Science Cluster Leader **Sep. 2019 – Apr. 2020**
University of Guelph RLS *Guelph, ON*

- Conveyed complex computer science concepts to first year students by translating technical course content into easily understandable terms during study sessions.
- Coordinated and hosted informational sessions, inviting faculty members to engage with students and share insights, with up to 100 students in attendance.

Education

University of Guelph **Sept. 2018 – Dec. 2023**
Bachelor of Computing in Computer Science (Co-op), Minor in Psychology *Guelph, ON*

Malmö University **Fall 2022**
Bilateral Exchange Semester *Malmö, Sweden*

Technical skills

Programming Languages: Python, Java, JavaScript, TypeScript, C#, SQL, HTML/CSS, C/C++
Frameworks & Libraries: React, ASP.NET, JUnit, Robot Framework, GeoPandas, Rasterio
Databases & Tools: SQL, REST APIs, Git, Docker, Microsoft Azure DevOps
Testing & QA: Unit Testing, Automated Browser Testing, Test Case Design & Execution, Agile/Scrum
Concepts & Methodologies: Object-Oriented Programming (OOP), Data Analysis, CI/CD (Basics), GIS Analysis, Data Pipelines, Linux Shell

Personal projects

GIS Flood Risk Analysis | *Python, Rasterio, GeoPandas, Matplotlib, Scipy, Pandas* **2025**

- Built a Python GIS workflow to analyze flood risk using spatial analysis (elevation, slope, buffer zones) and integrated multi-source data (DEM, GeoJSON, CSV).
- Automated GIS workflows with Python scripting, improving efficiency and reducing manual tasks.
- Created custom visualizations and flood risk maps using Matplotlib and GeoPandas, enhancing data communication for risk assessment.

Real Estate Management System | *C#, .NET Framework, Windows Forms* **2022**

- Built a C# Windows Forms app with a three-layer architecture for real estate management.
- Applied object-oriented programming (OOP) principles, including inheritance, polymorphism, and interfaces, to model diverse property types (Residential, Commercial, Institutional).
- Implemented data persistence with serialization, enabling save/load functionality.