

Art Morozov

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EDUCATION

Carleton University

Sept 2017 - Apr 2023

Bachelor of Computer Science, Psychology Minor

- **Cumulative GPA:** 3.7/4.0, Computer Science GPA: 3.9/4.0, Dean's List
- **Awards:** Carleton Academic Scholarship (\$1000 awarded for top 2% of the program)
- **Relevant Courses:** Business, Marketing, OOP in C++, Operating Systems, Algorithms & Data Structures, Computer Networks, Neural Networks and AI, Quantum Computing

SKILLS

- **Languages:** Golang, Python, JavaScript, TypeScript, Java, Ruby, C++
- **Technologies:** Flask, Django, GraphQL, Ruby on Rails, Node.js, React, Angular
- **Databases & Platforms:** AWS, MongoDB, PostgreSQL, Firebase, Docker, Azure, Kubernetes

EXPERIENCE

Qlik

May 2022 – Sept 2022

Software Engineering Intern – Client Onboarding Team

Ottawa, Canada

- Optimized inefficient **DynamoDB** queries that were causing an outage due to increase in customer use, by rewriting key network requests which reduced loading time by **37%**
- Led implementation of new email templates utilizing **HTML** and **Vector Markup Language** to improve responsiveness on mobile devices, allowing emails to be client agnostic and improving UX for more than **10,000 service users**

Tesla

Sept 2021 – Jan 2022

Software Engineering Intern – Cloud Infrastructure Team

San Francisco (Remote), USA

- Implemented a feature that helps monitor **Kubernetes** cluster health by displaying information on events and resource quotas using **GraphQL Mesh** and **React.js**, allowing **1000+** engineers to monitor existing deployments
- Built an automated testing pipeline on the **CI** using **Docker** and **Playwright** implementing **integration** and **E2E tests**, increasing coverage by over **87%**
- Migrated legacy **Material UI** components from **Vue.js** to internal **React.js** to allow cross-browser support for users

Macadamian Technologies

May 2020 – May 2021

Software Engineering Intern – Cloud Development Team

Gatineau (Remote), Canada

- Prevented **\$20 thousand CAD** of negative financial impact by taking ownership of and re-architecting **Golang microservice** that handles anonymization and transfer of large MRI image files
- Developed and shipped a **full-featured web platform** for sharing MRI images of rare muscular dystrophy cases using **Node.js** and **Angular** in **under 2 months**, which helped bring in new clients through recommendations

Macadamian Technologies

May 2019 – Jan 2020

Software Engineering Intern – Cloud Development Team

Gatineau, Canada

- Designed and developed a **data model** for a platform evaluating **AI** algorithms predicting osteoarthritis diagnoses from radiology images, allowing doctors to validate model predictions and improve algorithm accuracy by **8%**
- Deployed various SaaS applications and updated deployment pipelines to improve continuous integration practices, using **Helm** and **Kubernetes**

PROJECTS

Read.More

2022

Personal Project – Python, Django REST, React, Spark

- A **full-featured web application** that utilizes a **Machine Learning** model to generate book recommendations
- Used **Django REST** to build a **recommendation engine API** that generates book recommendations and updates the **Machine Learning** model
- Integrated **Spark ALS** algorithm to produce a recommendation model that utilizes item-based collaborative filtering trained on more than **6 million data points**