

SachaGoldman

Location

Toronto, Canada

US + Canadian Citizen
Willing to Relocate

Online

Email

sachagoldman@icloud.com

Website

sachagoldman.com

Github

[SachaGoldman](https://github.com/SachaGoldman)

LinkedIn

[Sacha Goldman](#)

Languages

♥ Python, Swift,
C, TypeScript

Tools

L^AT_EX, Git, Shell,
SwiftUI, PyTorch

Awards

New College Council
In-Course Scholarship

William and Shirley Read
Scholarship

VSU District Scholarship

Education

Computer Science and Mathematics University of Toronto
3.85/4.0 GPA Graduating May 2023

Bachelors of Science

This degree has a specific interest in the intersection of machine learning. Core topics include: algorithms, data-structures, linear algebra, group theory, single and multivariable analysis, probability and statistics, and programming.

Experience

SSENSE Software Development Intern

Montreal 2021

Worked as an iOS developer on the mobile team. Part of rearchitecting the app to the composable architecture and bringin SwiftUI into the codebase. Acted as a feature lead on core features, including a product image zoom feature and better ApplePay integration.

Responsibilities Included:

- Writing Swift, SwiftUI, and UIKit
- Reviewing other developers code
- Researching and presenting on technical topics

Altairix Software Development Intern

Toronto 2020

Worked as a full stack developer developing the web and Android based learning platforms for the Arrowsmith Program. Created new ways to present student data to teachers, such as, innovative student reports and interactive graphs.

Responsibilities Included:

- Writing Java and SQL
- Working with other developers on large scale features
- Statistical analysis and presentation

Projects

K2

macOS App

Python Swift SwiftUI Machine Learning

A macOS app that scans your Apple Photos library and creates an album of each unique face found. This was inspired by Apple Photos' lack lustre built in facial clustering. The application uses the Photos API to find the pictures, then starts up python subprocesses to cluster the faces. Some challenges for this project included code signing python for the App Store, and tweaking the model to get sufficient accuracy.

sachagoldman.com

Website

Vue TypeScript

My personal website serving as a home page for my presence online. This website was written from scratch in Vue and showcases my projects and academics. The biggest challenge for this project was learning Vue, as it was a completely foreign the framework.

Dots

Web App

JavaScript

A JavaScript project simulating a number of particles applying forces on each other that can form interesting, natural looking structures.