

SachaGoldman

Location

Toronto, Canada

US + Canadian Citizen
Willing to Relocate

Online

Email

sacha@sachagoldman.com

Website

sachagoldman.com

Github

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

Education

Mathematics and Computer Science University of Toronto
3.83/4.0 GPA Graduating May 2023

Bachelors of Science

Focusing on math and theoretical computer science, studying differential topology, complex analysis, riemannian geometry, probabilistic learning, and quantum computing, and more.

Research

Quantum Machine Learning University of Toronto

Toronto, 2022

Conducting research with Nathan Wiebe into bringing the core mathematical ideas of convolutional neural networks into the context of quantum machine learning.

Awards

In Course Scholarship New College

2021

In Course Scholarship New College

2020

William and Shirley Reed Scholarship VSB

2019

Teaching

University of Toronto Teaching Assistant

Toronto, 2021

Teaching assistant for CSC236, an introductory course to computer science theory.

Tutor

Toronto 2021

Tutored a student in UofT's CSC263, a course on data structures and algorithms.

Employment

Apple Software Engineer Intern

Remote/Cupertino, 2022

Worked on the team architecting Apple Media Apps solving unique technical challenges.

SSENSE Software Developer Intern

Remote, 2021

Worked on the iOS team during my 4 month internship, bringing fresh ideas to the team and advocating for a transition to the composable architecture and SwiftUI.

Projects

K2

macOS App

K2 improves upon Apple Photos' built-in facial clustering by scanning your photo library and creating an album of each unique face found.

Technical Tools

Lean, Python, C, PyTorch, Numpy, \LaTeX , Git, Shell