
Justin Meimar

Software Developer

Edmonton, Alberta Canada meimar@ualberta.ca

EDUCATION

University of Alberta - *BSc. Spec. Computer Science*

SEP 2021 - APRIL 2025

- GPA: 3.6 / 4.0
- Key Classes: Algorithms, Compilers, Software Engineering, Operating Systems

EXPERIENCE

Summer Research - *Compiler Design Optimization Lab*

MAY - AUG 2024

- Researching modern compiler technologies and developing coursework and tooling.

Teaching Assistant - *University of Alberta*

JAN - APR 2024

- TA for CMPUT 229, Introduction to Computer Architecture during this winter, 2024.

Bits in Glass, Edmonton - *Full Stack Intern*

MAY - AUG 2023

- Developed and deployed an internal web tool for company productivity.
- Managed cloud deployment on **Heroku** with **Docker**, **CI/CD** on Bitbucket with **Flask**

Bits In Glass, Remote - *Front End Developer Intern*

FEB - AUG 2022

- Created frontend components with best **UI/UX** practices.

PROJECTS

Hack GPT Edmonton - *1st Place*

JULY 2023

- Hackathon - Worked in a team of four to build an interactive information retrieval system for Real Estate listings using **Vector-Embeddings** and **LLM** (large language model) APIs.

Home Server - *System Administration*

JUNE 2023

- Small machine running **NGINX** as a reverse proxy for services including SSH and HTTP.

Gazprea Compiler - *1st Place*

FALL 2022

- Worked in a team of four to create a tournament winning compiler; focused on type-checking, type-promotion, and control flow implementation using **LLVM** IR-builder.

SKILLS AND TECHNOLOGIES

Skills: Strong expository writing, virtual and in-person communication.

Tools: Git - React - Docker - PostgreSQL - UNIX CLI - Postman

Languages: Python - Typescript - Javascript - C/C++ - Rust - Bash - SQL