

# Vidhan Bhatt

Software Developer

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## Education

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McMaster University | GPA: 3.98/4.0

Sep. 2022 - Present

*Bachelor of Computer Science*

- \* Data Structures & Algorithms
- \* Computer Architecture
- \* Software Development (Python, Haskell, Java, C)

## Experience

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Tailored Sports | Discord Bot Developer

May. 2023 - Present

- \* Made a Discord bot in Rust for users to make fake "bets" on baseball games
- \* Accessed the FanDuel API to retrieve live betting odds
- \* Created a live feed of the game using the MLB API
- \* Used PostgreSQL to store user data and betting history
- \* Also allowed the bettors to track their bets and append them to a spreadsheet nightly

## Projects

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vidhan.io | Rust, Markdown, Typst, GitHub Actions

Jul. 2023 - Present

*A personal website and blog, written in Rust.*

- \* Uses Typst to generate this very resume automatically and serve it as a static asset
- \* Parses markdown blog posts and renders them as HTML
- \* Uses tree-sitter to provide powerful IDE-like syntax highlighting for blog posts
- \* Implements industry-standard testing and continuous integration using GitHub Actions
- \* Received 40+ stars on GitHub

MacEats | Rust, React, Next.js, Docker, Fly.io, Vercel

Oct. 2022 - Oct. 2022

*A full-stack modern reimplementation of MacEats, the McMaster University campus dining site.*

- \* Created for the 2022 McMaster CSS Hacktober event
- \* Made a Rust library to scrape the original website and provide a programmatic interface to the data
- \* Made a Rust backend to serve the data for general use by anyone
- \* Made a React and Next.js frontend to access the modern site
- \* Received 100% in judge voting, placing second overall in the competition

Checkpoint | Go, Docker, GitHub Actions, Google Cloud Platform

Oct. 2021 - Mar. 2022

*A Discord verification bot for servers in the Peel District School Board.*

- \* Made to combat rampant spam bots which would join servers in our school
- \* Used Go for the Discord bot, which is deployed to Google Compute Engine using GitHub Actions
- \* Was implemented in 15+ school club Discord servers, and received outstanding testimonials from the club executives

## Technical Skills

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### Programming Languages

Rust, Go, JavaScript, TypeScript, Python, Haskell, Java, Shell Scripting, HTML, CSS, C++, C, Elm

### Frameworks/Databases

React, Next.js, Node.js, Svelte, Tailwind CSS, SQL (PostgreSQL, SQLite, Supabase), MongoDB, Sled

### Continuous Integration/Continuous Development

Docker, Git, GitHub, GitHub Actions, Kubernetes, Fly.io, Vercel, Google Cloud Platform