

# Jack Parsons

Computer Science Student

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## Education

Sept 2020 – April 2024 | **University of Alberta**  
*BSc. Honors Computer Science*  
📍 Edmonton, AB, Canada  
**Relevant Coursework:** Algorithms I, Database Management, Computer Architecture, Formal Systems and Logic, Games Artificial Intelligence, Basics of Machine Learning, Calculus I, II, Linear Algebra I, II

## Work Experience

May 2022 – August 2022 | **Psystem**  
*Fullstack Developer Intern*

- Architected a 3-tier app platform for company founder from 0 lines of code
- Deployed and scaled the MVP to its initial 10 beta testers
- Designed and developed a RESTful API using node.js, express, and mongoose
- Constructed CI/CD pipeline which sped up development time by 30% using github actions

## Personal Projects

January 2022 | **Health Fusion(Hackathon Project)** 🔄 jackparsonss/health-fusion

- Mobile app geared for users managing medications, reducing cognitive overhead with a simple design
- Competing against over 250 developers, app was produced over 24 hours, with a team of 4, during HackED 2022
- **Technologies:** React Native, Firebase, Firestore, Google Maps API, Google Auto-complete API

September 2021 | **Flavour Flow(Hackathon Project)** 🔄 jackparsonss/Flavour-Flow

- Developed a website for users to enter ingredients and generate recipes for \$0
- Product was fully manufactured in 36 hours, competing against over 1600 competitors during the Hack the North 2021
- **Technologies:** Python, Django, CockroachDB, Javascript, React, Spoonacular API

August 2021 | **Portfolio Website** 🔄 jackparsonss/jackparsonss.github.io

- Deployed website to display to share my technical and design skills
- Easily adjustable code forked by 3 people for their own website
- Set up CI/CD, speeding up deployment time by 50%, automatically deploying all changes production-ready changes to Github pages
- **Technologies:** React, Javascript, HTML, CSS, Travis-CI, Github Pages

## Technologies and Programming Languages

Python - JavaScript - C - MIPS Assembly - SQL - NoSQL  
Node.js/Express - React.js - React Native - Firebase - SQLite - MongoDB - Mongoose  
Git/Github - Unix/Linux - Markdown - LaTeX

## Extracurriculars

January 2022 - Present | **UAIS**

- Member of the undergraduate artificial intelligence society