

# Mathew Chen

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## EDUCATION

### Portland State University

2019 – 2023

*Bachelor of Science in Computer Science*

Portland, OR

- **Major GPA:** 3.54
- **Relevant Coursework:** Data Structures, Algorithms, Software Engineering, Discrete Math, Computer Systems Programming, Object Oriented Programming, Linear Algebra, Databases, Web Development

## EXPERIENCE

### Student Course Migration Specialist

Aug. 2021 – Present

*Office of Academic Innovation, Portland State University*

Portland, OR

- Worked on migrating D2L Brightspace courses to Canvas courses using existing D2L packages
- Collaborated with team members through Zoom to diagnose and solve issues regarding errors in the migration
- Documented, logged, and resolved migration issues using Salesforce and Notion

### Computer Action Team

Oct. 2019 – Jun. 2020

*Maseeh College of Engineering and CS, Portland State University*

Portland, OR

- Learned useful shell commands, scripting, and the infrastructure of the college's computer network to perform routine checks on the college's servers and printers
- Resolved school software issues for faculty and students successfully

## PROJECTS

### Dropper - Personal Project

Jun. 2022 - Present

- Planned, designed, and currently implementing a social media website for music producers to quickly share snippets of their music on the web
- Built RESTful backend APIs with Node.js using express, PostgreSQL, and Sequelize
- Designed and programmed frontend using Next.js framework and Typescript with React
- Modeled a relational database to store user information and files

### Study Spaces - School Project

Apr. 2022 - Jun. 2022

- Developed a web application to help students find places to study on the Portland State University campus
- Programmed the frontend using Typescript and React to match given website layout

### Personal Website - Personal Project

Mar. 2022 - Present

- Built a portfolio website to showcase my skills and act as a playground for testing code in production using Typescript and Next.js
- Styled components with TailwindCSS to make website responsive
- Deployed website to the live web using Google's Firebase

### ChocoAn Project - School Project

Oct. 2021 - Dec. 2021

- Developed a terminal healthcare system program using C++ that bills user based on the service provided
- Programmed unit tests to test the quality of the code and refactored program to make the functions more testable

## SKILLS

**Languages :** React, Javascript/Typescript, Python, C++/C, HTML/CSS, SQL

**Tools :** Git, Vim, VSCode, GDB, Salesforce, Notion