

Brian Le

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EDUCATION

Portland State University

Bachelor of Science in Computer Science.

Portland, OR

Sep. 2021 – Present

- Dean's List, Winter 2024
- President's List, Spring 2024

EXPERIENCE

Software Developer Intern

Multnomah County

Jan. 2025 – Present

Portland, OR

- Interning at Multnomah County as a Software Developer/Development Analyst

Software Development Engineer in Test Intern

The Standard

Aug. 2024 – Dec. 2024

Portland, OR

- Developed and integrated automated test code in pipelines to process thousands of data with PySpark and Databricks in Azure
- Refactored portions of EBDR data curation code to test and automate loading data into the database
- Developed efficient, scalable API endpoints to retrieve and remove test data from Cosmos DB
- Maintained and enhanced the Fake Data Masking codebase, retrieving thousands of production data while masking PII's for testing and processing operations in development environments

IT Assistant

Portland Community College

Sep. 2022 – Jan. 2024

Portland, OR

- Diagnosed and fixed computer problems that students and faculties face regularly during class hours and break terms
- Responsible for the maintenance, provisioning, and de-provisioning of hundreds of computers, printers, and media equipment across campus
- Coordinated with Dell Representatives to address issues related to 13th and 14th generation Intel CPUs and fixing hundreds of affected systems

PROJECTS

Discord AI Chatbot | *Python, OpenAI*

Dec. 2024 – Present

- Creating a Discord chatbot with AI generative response
- Developed using Python and leveraging the OpenAI API for sending out user prompts
- Integrated the ability to imitate any character from TV shows, movies, and video games for a more natural and fun experience for users

KiokuCards.com | *JavaScript, React, Java, Spring Boot, MongoDB, AWS*

Aug. 2024 – Present

- Developed a full-stack online flashcard web application for users to create and manage flashcards for studying
- Built using React with Bootstrap, MongoDB, and Spring Boot deployed on AWS
- Developed REST API endpoints for CRUD operations in Spring Boot, enabling communication between the database and the front-end
- Integrated OAuth2 with Google for user authentication, account logins, and user-specific data

Sales Tax Calculator App | *Kotlin*

Feb. 2024 – June 2024

- Created an Android app to accurately calculate the sales total including sales tax
- Implemented API calls using the Retrofit library to perform HTTP requests for fetching up-to-date sales tax data from any US states and cities
- Developed using Jetpack Compose for modern UI development

TECHNICAL SKILLS

Languages: C++, C, C#, Python, Java, Kotlin, Typescript, JavaScript, HTML/CSS

Developer Tools: Git, VS Code, Visual Studio, IntelliJ IDEA, Docker, Databricks

Libraries/Framework: React, Bootstrap, Spring Boot, FastAPI, Pytest, PySpark

Technologies: PostgreSQL, MongoDB, Amazon Web Services, Azure Cloud