

Elijah Tay

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WORK EXPERIENCE

Full Stack Engineer

Buffalo, NY

Odoo: Open Source ERP and CRM

since February 2024

- Expert in inventory and manufacturing modules, specializing in stock-related workflows
- Diagnose and resolve bugs in Odoo and Enterprise codebases
- Troubleshoot and resolve complex issues by directly repairing customer data using Python and SQL via server actions
- Proficient in debugging both backend (Python, PostgreSQL) and frontend (JavaScript, Owl) components

Full Stack Engineer Intern

Buffalo, NY

Odoo: Open Source ERP and CRM

June 2023 – September 2023

- Collaborated with a team of developers to design, implement, and test new features for Odoo's web application using Python, XML, and JavaScript
- Participated in daily stand-up meetings to discuss progress, challenges, and plan tasks for the day
- Assisted in the development of the backend functionalities, including database management, and server-side logic
- Utilized version control tools such as Git to manage and track code changes throughout the development process

IT Service Desk Representative

Brockport, NY

Brockport Information Technology Services

Sept 2022 - January 2023

- Instruct users on proper methods for software installation and operations, use the training materials provided in the company documentation, external resources, or consulting with other BITS staff
- Describe procedures and assist clients over the telephone, chat, remote session, or in-person

EDUCATION

SUNY Brockport

Brockport, NY

Bachelor of Science in Computer Science

Aug. 2021 – Dec. 2023

Suffolk County Community College

Suffolk, NY

Associate's in Liberal Arts

June 2020

PROJECTS

Sales Commission App in Odoo 16

- Developed a custom sales commission module for Odoo, enabling efficient commission tracking and management
- Implemented in Python, leveraging Odoo's framework for seamless integration with the existing system
- Utilized XML and XPath to architect intuitive user interfaces and data structures for commission-related functionalities

SUNY Brockport mHealth iOS App

- Translated high-fidelity wire-frames into a functional iOS prototype for the Hazen Health Center with SwiftUI
- Designed a SQL database schema and triggers to enhance the portal's capabilities
- Recognized for contribution at NCUR 2023; awarded undergraduate research accolade from SUNY Brockport

TECHNICAL SKILLS

Languages: python, java, html/css, javascript, owl, xml, swift, c, c++

Framework/Libraries: owl, react

Database: SQL, postgresql

Version Control: git/github