

# Elijah Tay

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## WORK EXPERIENCE

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### Full Stack Engineer

Buffalo, NY

*Odoo: Open Source ERP and CRM*

*since February 2024*

- Collaborate effectively within a global support team to resolve technical issues and deliver exceptional service to clients.
- Skilled in performing server actions, scripting, and CRUD operations on production databases within the Odoo ecosystem.
- Proficient in maintaining Python-based software within an MVC architecture, leveraging PostgreSQL and XML for backend operations, and integrating JavaScript and the Owl framework for frontend interactivity.

### 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
- Explored new technologies and frameworks to stay up-to-date with the latest industry trends

### 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

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### 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

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### 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

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

**Framework/Libraries:** owl, react

**Database:** SQL, postgresql

**Version Control:** git/github