

# JERMIN B. ODCHEO



**Address:** Philippines / Australia  
**Email:** jerminbodcheo@gmail.com  
**LinkedIn:** <https://www.linkedin.com/in/jerminodcheo/>  
**Github:** <https://github.com/Jermin-Odcheo>

Motivated full-stack developer with experience in Java, Python, and web development technologies. Successfully completed internship developing inventory management systems and built machine learning projects analyzing real-world data. Ready to leverage technical skills and fresh perspective in software development.

## EDUCATION

---

### Bachelor of Information and Technology

August 2021 - June 2025

Saint Louis University

Graduation: July 2025

- Honor/Award: Dean's List
- Relevant Coursework: Programming, Data Analytics, Web Development, Machine Learning, Database Management System, Application Development, Computer Network

## EXPERIENCE

---

### Bachelor of Information and Technology

January 2025 - May 2025

Saint Louis University

Full Stack Web Developer Intern

- Developed a full-stack inventory management system using MySQL, PHP, HTML, CSS, Bootstrap
- Improved website performance by 35% through code optimization and debugging
- Implemented database schemas and optimized SQL queries, reducing CRUD operation time by 40%

## PROJECTS

---

- **Machine Learning Model for Predictive Analysis**
  - Cleaned and preprocessed five years of Colorado Springs crime data.
  - Applied K-means clustering and Sequential Pattern Mining using Python.
  - Identified four demographic crime profiles and uncovered key offense sequences to inform targeted prevention strategies.
- **Generative AI Chatbot**
  - Cleaned and augmented student enrollment inquiry data, then created the training dataset.
  - Developed an HTML/CSS/JavaScript frontend for "NaviBot" on a mock SLU portal
  - Validated chatbot performance using BERTScore, BLEU, and ROUGE.

## SKILLS

---

- **Programming Languages:** Java, Python, JavaScript, SQL
- **Frontend:** HTML5, CSS3, React, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Flask, PHP
- **Databases:** MySQL
- **Machine Learning:** Scikit-learn, PyTorch, Pandas, NumPy
- **Tools & Technologies:** Git/GitHub, VS Code, Jupyter Notebook