Ohta Kamiya

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EDUCATION

Case Western Reserve University   Cleveland, OH
Bachelor of Science in Computer Science, Minor in Finance — GPA: 3.81/4.00   *Aug. 2023 – May 2027*
- Varsity Mens Soccer Player
- **Relevant Coursework**: Intro to Java, Data Structures, Algorithms, Full Stack Web Development, Computer Security, Linear Algebra, Logic Design, Intro to Data Science Systems, Programming Language Concepts

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, Kotlin, SQL, HTML/CSS
Frameworks: React, Node.js, Spring Boot, Vue, Express, JUnit, Material-UI
Developer Tools: Git, PostgreSQL, Scikit-Learn, Matplotlib, MongoDB, Heroku, VS Code, ModelSim, IntelliJ

EXPERIENCE

Information Technology Intern   May 2025 – Present
LOVECHROME   *Torrance, CA*
- Led transition from Amazon FBA to self-fulfillment, processing over 100 orders per month and optimized operations by 50% through integrating Shopify with ShipStation
- Developed custom inventory and barcode-scanning automation tools to streamline warehouse workflows, reducing order errors and customer complaints by 80%.
- Automated cross-platform data synchronization between QuickBooks, Shopify, and ShipStation, cutting manual accounting tasks by 20+ hours per month and improving financial data accuracy

Co-founder & Secretary   September 2021 – August 2023
Japan Alliance NPO   *Torrance, CA*
- Co-founded and helped manage a nonprofit organization, recruiting members and coordinating community events
- Applied leadership skills to recruit volunteers and sponsors to helping expand the organization's impact

PROJECTS

2025-2026 NFL Game Predictor | *Python, Pandas, Scikit-Learn, Matplotlib*   October 2025 – Present
- Built a predictive model to forecast NFL 2025 outcomes with 75% accuracy, leveraging historical and current team data
- Cleaned and structured multi-season team data using Pandas, analyzing key win/loss trends and performance correlations
- Evaluated model accuracy and visualized prediction trends using matplotlib to identify key performance drivers across teams and weeks to improve prediction accuracy

2025-2026 Premier League Stats API | *Java, Spring Boot, PostgreSQL*   September 2025 – Present
- Developed a RESTful API enabling real-time stat retrieval for 600+ players across 20 teams through parameterized endpoints
- Designed normalized PostgreSQL schemas and implemented JPA entity mappings to model 15+ player performance metrics (goals, assists, xG, clean sheets), with CRUD operations and custom filters for name, team, and position

Full Stack Journaling Web App | *Vue.js, Express, MongoDB*   February 2025 – April 2025
- Created a journaling platform with CRUD operations and cloud data persistence, enabling users to log journal entries by date and topic
- Integrated APIs and deployed the application via Heroku, with full GitHub CI/CD version control

Secure Password Manager | *Java, Encryption & Decryption*   September 2024 – December 2024
- Built a Java program capable of storing 500+ passwords using AES encryption, hashing, and encoding, preventing plaintext storage
- Optimized key handling and console interaction for a 2× faster encryption process while maintaining data safety