

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++/C#, JavaScript, TypeScript, Kotlin, SQL, HTML/CSS

Frameworks: React, Node.js, Spring Boot, Vue, Express, JUnit, Material-UI

Developer Tools: Git, AWS, PostgreSQL, Scikit-Learn, Matplotlib, MongoDB, Heroku, VS Code, ModelSim,

EXPERIENCE

Information Technology Intern

May 2025 – Present

LOVECHROME

Torrance, CA

- Led transition from Amazon FBA to in-house fulfillment, integrating Shopify, ShipStation, and QuickBooks APIs to streamline logistics—boosting operational efficiency by 50% and processing 100+ monthly orders.
- 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 managed 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