

# Wilson Soetomo

• Irvine, CA • 949-665-9443 • soetomowilson@gmail.com • GitHub/WilsonSoetomo • LinkedIn/WilsonSoetomo

## EDUCATION

University of California, Irvine

Irvine, CA

B.S. in Computer Science, GPA: 3.7

Graduation: June 2026

Relevant Classes: Data Structures and Algorithms, Advanced Algorithms, Intro to Software Engineering, Intro to Machine Learning and Data Mining, Intro to AI, Discrete Mathematics, Statistics for Computer Science

## SKILLS & CERTIFICATIONS

**Programming Languages:** TypeScript, C++, SQL, Python, Java, JavaScript, CSS, HTML, Go

**Frameworks:** Django, Flask, Express.js, Node.js, Git, GitHub, React, GraphQL, MongoDB, RESTful API, HTTP Methods, gRPC

**Certifications:** CodePath TIP 102, UC Irvine Boot Camps (Full Stack Flex Coding)

## RELEVANT EXPERIENCE

**IBM – Software Developer Intern** | Lowell, MA (Hybrid)

Jun 2025 – Sep 2025

- Collaborated with the Data Protection Guardium team to develop scalable backend services using Go and gRPC, reducing API response latency by 35%.
- Designed and deployed microservices for secure data access auditing across 3 enterprise environments, improving debugging efficiency by 40%.
- Integrated secure data pipelines that supported compliance with GDPR and HIPAA regulations, enhancing traceability of sensitive access logs by 50%.

**NeverEnding, Inc. (Internship) - Software Engineer** | Cleveland, OH (Remote)

Jun 2024 - Aug 2024

- Implemented Django to integrate NeverEnding's marketplace with the 2D character development tool, increasing process optimization by 50% and boosting user engagement by 30%.
- Supervised team efficacy with routine stand-ups and ping checks on Slack that increased member contribution by 40%.
- Streamlined payment processing steps on avatar marketplace by implementing Stripe and Google Wallet to pipeline payment processing steps that increased the overall purchasing rate by 10%.

**Coding Minds Academy - Lead Instructor** | Irvine, CA

Mar 2023 - Jan 2024

- Expanded C++ and Python curricula by 40%, increasing student engagement and productivity by 16%.
- Innovated tutor-parent interactions by migrating to Slack with implemented server bots that encourage homework completion creating increased tutor-parent interaction by 25%.
- Implemented Slack communication systems improving student engagement and academic performance by 12%.

## PROJECTS

**Stock Predictor App**

Mar 2025 - Apr 2025

- Developed a full-stack Flask application that predicts stock price movement using linear regression, random forests, and historical financial data, improving MSE by 22% after hyperparameter tuning.
- Built interactive dashboards with D3.js and Matplotlib to visualize predictions, price trends, and feature importance, increasing user engagement by 30%.

**Diabetes Classifier Analysis**

Feb 2025 - Apr 2025

- Designed and evaluated machine learning models (kNN, logistic regression, neural networks) to classify patient health outcomes using the Diabetes 130-US hospitals dataset.
- Applied feature engineering and SMOTE balancing to enhance minority class detection; achieved 88% accuracy and 0.84 F1-score using logistic regression.

**Car Value API App**

Dec 2024 - Feb 2025

- Engineered a RESTful API using Flask and CarQuery API to retrieve and estimate used car prices based on user input for make, model, year, and condition.
- Designed a responsive React frontend with real-time search filters and dynamic form validation to improve usability across desktop and mobile platforms.

## EXTRACURRICULARS

**Clubs & Activities:** SHPE (Member), Indonesian Cultural Club (Treasurer), Golf (8 - Handicap)