# Gregory Adiprawira

Berkeley, California| +1-415-601-2071 | gregadiprawira@gmail.com

Website: https://gregadi.github.io/ | LinkedIn: https://www.linkedin.com/in/gregoryadi/ | GitHub: https://github.com/gregadi

## EDUCATION:

**University of California, Berkeley**                                                                Berkeley, CA
*Bachelor of Arts in Computer Science*                                                      Graduated May 2025
**Cumulative GPA:** 3.6/4.0

- **Coursework:** Structure & Interpretation of Computer Programs, Data Structures, Discrete Math and Probability, Efficient Algorithms and Intractable Problems, Intro to Artificial Intelligence , Principles & Techniques of Data Science, Computer Security, Introduction to the Internet: Architecture and Protocols, Introduction to Full Stack Development, Linear Programming and Network Flows.

## TECHNICAL SKILLS:

**Skills:** Python, C++, Java, Github, SQL, Regex, MATLAB, CSS, HTML, JavaScript, Golang, AMPL, React.js, Excel, Figma.

## EXPERIENCES:

**Profesional Telekomunikasi Indonesia** | *Leading digital infrastructure company in Indonesia*          Jakarta, Indonesia
**Data Engineer & Analyst Internship**                                                       Jun 2024 - Aug 2024

- Built a predictive machine learning model to assess customer churn probability, achieving 82% accuracy, which informed the company's Customer Retention (CRM) strategy.
- Cleaned, merged, and transformed large-scale datasets using Python (pandas), working with over 87 million records.
- Analyzed customer lifecycle timelines and conducted exploratory data analysis to uncover behavioral trends and key churn indicators, informing customer retention strategies.
- Documented processes and presented findings to senior IT stakeholders; the predictive model remains in use to support ongoing data-driven decision-making and has contributed to a projected 15% reduction in churn over time.

**Maybank** | *Leading Malaysian multinational bank in Southeast Asia*                           Bandung, Indonesia
**Data Analyst Internship**                                                                     July 2022 - Aug 2022

- Designed and analyzed 2 million customer survey using Google Forms and Python (pandas), revealing that limited device performance on low-end smartphones was a key barrier to effective use of Maybank's mobile app.
- Proposed and prototyped a 'lite' version of the mobile app using Figma, then programmed a functional version focused on core features like balance viewing, sending, and requesting funds. Projected to increase app accessibility and usage among low-end device users by 30%
- Contributed insights to the IT/business analysis team to improve digital service accessibility & customer satisfaction.

## PROJECTS: (code files available at GitHub)

**NGordNet:**

- Built a historical linguistics database in Java, tracking how English has evolved over time.

**Build Your Own World:**

- Developed a 2D tile-based world engine in Java, enabling exploration, item interaction, and map generation.
- Designed custom player controls and modular tile behaviors to support gameplay mechanics.

**Dishcovery:**

- Created a full-stack web application using HTML, CSS, JavaScript, and API integration to let users search recipes, explore global cuisines, and discover random meals.
- Focused on intuitive UI and responsive design for enhanced user experience.

**ReChord:**

- Developed a music-sharing platform with user authentication, profiles, playlists, song rating system and music news.
- Integrated external APIs (Spotify, Last.fm, News API),Collaborated in a team environment using React.js, Node.js, and MongoDB.

**Languages:** Bilingual proficiency in spoken & written English & Indonesian, Beginner in spoken & written Chinese.
**Hobbies:** watching movies and TV series, playing video games, exploring new foods, and staying active through sports.