

SAMANTHA SUSANTO

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EDUCATION

University of California, San Diego

Expected: Jun 2022

B.S. Cognitive Science Specializing in Machine Learning and Neural Computation

Minors: Computer Science; Business

COURSEWORK

- Object-Oriented Programming
- Data Science in Practice
- Discrete Mathematics
- Software Tools and Techniques
- Statistical Analysis

EXPERIENCE

Full Stack Lead Developer Intern

Jun 2021 – Dec 2021

MarketFly

- Directed a team of five to develop an automated social media posting web app
- Constructed social media automation logic using **MongoDB**, **Express**, **React**, and **Node.js** and integrating social media APIs
- Developed a login system using **Passport.js**, **Validator.js** and **JWT** for displaying separate content based on free vs paid members
- Created prototypes and wireframes of the login, register and post scheduling calendar using **Figma**

Web Developer Intern

Mar 2021 – Present

noDokter

- Ensured multiple device type compatibility for website using **HTML** and **CSS** and performed QA on finished products
- Resolved bugs and implemented new site designs from **Figma** which improves overall functionality and user experience
- Integrated multi-language support using **PHP** for user generated content and forum page
- Created a new webinar platform using an open source program Jitsi Meet and modified it using **JavaScript** to meet the needs of the company
- Installed and configured Wordpress Web Server on **Google Cloud** using **Apache**, **MariaDB** and **phpMyAdmin**

Full Stack Developer Intern

Jul 2020 – Oct 2020

Rantai

- Reduced chat feature server load by 3% by creating a more efficient Multimedia Messaging System which compresses sent images without sacrificing image quality using **Java** and **Picasso**
- Implemented user interface for tablet users on **Android Studio** using **XML**
- Enabled multi-language support by providing manual translations for English and Indonesian, and utilized **machine translation** for non-supported languages to reach a global market

Junior Java Programmer Intern

Jul 2019 – Sep 2019

PT Cyberindo Singergi Sistem

- Developed the financial module for a supply chain application using **Selenium** and **MySQL** consisting of automated payment checking through e-banking and updating database to reduce human error
- Designed **REST API** in **Java** to process customers orders and payments
- Created a customer service instant messaging software to report issues immediately using **Jetty** and **Java**
- Implemented a **JavaFX** UI for clients that displays order details in a table format

PROJECTS

Swear Jar Discord Bot

May 2021

- A Bot made with **Node.js** and **Discord.js** that keep tracks of swears said in a server and adds money to the swear jar
- Utilized **MongoDB** to store the number of times a user swears, on each server

Handwriting Recognition Neural Network

Dec 2019

- A neural network recognition software that recognizes handwritten numbers and transcribes them using **Python**, **Numpy** and **Theano**

SKILLS

Programming: Python, Java, Bash, HTML/CSS, JavaScript, SQL, MatLab, C/C++

Developer Tools: VS Code, Android Studio, Jupyter Notebook, Eclipse, IntelliJ

Technologies/Frameworks: Linux, GitHub, JUnit, WordPress, MySQL, Poedit, Jetty, Selenium, Gson, REST API

Languages: English, Indonesian, Mandarin Chinese, Japanese