



Alexander Justine Santiago

Hello, I'm Alexander Justine Santiago, a full-time student and employee in Indonesia, specializing in Informatics. My primary focus lies in machine learning, where I'm passionate about teaching computers to learn and make decisions from data. Simultaneously, I'm actively engaged in front-end engineering, crafting visually appealing and user-friendly interfaces for websites and applications. Balancing my studies with full-time work, I'm dedicated to gaining practical experience and honing my skills in these exciting fields. I'm eager to continue my journey in machine learning and AI engineering, contributing my knowledge and enthusiasm to the dynamic world of technology.

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 github.com/AJustiago

 +(62) 812-67661122 | Indonesia

WORK EXPERIENCE

Machine Learning/Front-End Engineer
PT. Sumatra Sarana Sekar Sakti

March 2023 - Now

Machine Learning

- Develop and implement AI solutions using machine learning and computer vision for Murni Teguh Memorial Hospital and Logistic Operation.
- Design and train deep learning models for:
 - Self-registration with face recognition with AWS, liveness detection, and OCR for Identity cards with Google Cloud.
 - Brain tumor detection from medical images.
 - Lung anomaly detection from X-rays or CT scans.
 - Fraud detection
- Optimize model performance and analyze results.

Front-End

- Design and develop user-friendly, interactive, and visually appealing web applications using Angular.
- Write clean, maintainable, and modular TypeScript code, adhering to best practices.
- Create reusable components and libraries to enhance code efficiency.
- Implement responsive design principles to ensure optimal user experience across different devices.
- Integrate Bootstrap components for styling and layout.
- Work closely with UX/UI designers to translate designs into functional components.
- Test and debug applications to identify and resolve issues.
- Optimize applications for performance and scalability.
- Stay updated with the latest front-end technologies and trends.

EDUCATION

Bachelor of Computer Science,
Universitas Pelita Harapan

Agustus 2022 – Now

- GPA: 3.7/4 (current)

ORGANISATION EXPERIENCE

Vice-Coordinator Software Development Club Universitas Pelita Harapan

August 2023 – Now

- Led the club along with members and the coordinator, by honing our critical thinking and problem-solving skills together according to UPH's vision and mission

SKILL & COMPETENCES

- Proficiency in Python programming languages
- Knowledge of machine learning algorithms and libraries
- Experience with data pre-processing and cleaning
- Ability to analyze and interpret complex datasets
- Proficiency in SQL and NoSQL database management
- Experience with deep learning frameworks like TensorFlow
- Understanding of predictive modeling and statistical analysis techniques
- Strong problem-solving skills
- Ability to work collaboratively with data scientists and software engineers
- Experience in monitoring and evaluating machine learning models in production
- Familiarity with cloud platforms like AWS, Google Cloud
- Familiarity with version control systems like Git
- Strong communication skills
- Ability to translate complex findings into understandable insights.
- Strong understanding of Angular basics (components, directives, etc.) and HTML/CSS.
- Proficiency in SCSS/SASS and TypeScript is beneficial for clean and maintainable code.
- Bootstrap components and web development practices.

CERTIFICATE

- | | |
|---|----------------------|
| • Bootcamp Business Intelligence Engineer | Binar Academy |
| • Bootcamp UI/UX | Binar Academy |
| • Certified Secure Computer User v3 | EC-Council |
| • Python (Basic) | HackerRank |

CERTIFICATE OF COMPLETION

THIS CERTIFIES THAT

Alexander Justine Santiago

Has Successfully Completed Binar Academy Bootcamp

Business Intelligence Engineer Wave 3

Mar 9, 2022 - May 4, 2022



Alamanda Shantika

President Director of Binar Academy



CERTIFICATE OF COMPLETION

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Alexander Justine Santiago

Has Successfully Completed Binar Academy Bootcamp

UI/UX Research & Design Wave 27

August 16, 2022 - December 7, 2022

Alamanda Shantika

President Director of Binar Academy

Certification Number



Certified Secure Computer User


This is to acknowledge that

Has successfully completed all requirements and criteria for

certification through examination administered by EC-Council

Issue Date:

EC-Council


Sanjay Bavisi, President

ID: B48263939925

HackerRank

Certificate

This is to certify that

Alexander Justine Santiago

has successfully cleared the assessment for the skill

Python (Basic)

02 Aug, 2023

Date



Harishankaran K

CTO, HackerRank