

## Alfonsus Rodriques Rendy

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### EDUCATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |
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| <b>The Chinese University of Hong Kong, Shenzhen</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Shenzhen, PRC |
| B.Eng., Computer Science and Engineering with Specialization in AI and Minor in Finance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2021 – 2025   |
| <ul style="list-style-type: none"><li>CGPA: 3.88/4.0, Major GPA: 3.91/4.0 (Top 2% in School of Data Science)</li><li><b>Awards:</b> Full Entrance Scholarship, 2021/22 Academic Performance Scholarship, 2021/22/23/24 Dean's List, 2022/23 and 2023/24 Guangdong Outstanding International Student Scholarship recipient, 2024 Shenzhen Universiade International Scholarship Foundation (SUISF) Scholarship recipient</li><li><b>Related Courses Taken:</b> Intro to CS in Python, Statistics &amp; Probability, Programming in C++, Data Structure, Discrete Mathematics, Computer Architecture, Operating System, Advanced Machine Learning, Database System, Software Engineering, Design &amp; Analysis Algorithms, Reinforcement Learning, Fundamental of Speech and Language Processing, Deep Learning</li></ul> |               |

### WORK EXPERIENCE

|                                                                                                                                                                                                                                         |                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <b>Arxero Technologies</b>                                                                                                                                                                                                              | Jakarta, Indonesia           |
| Co-founder                                                                                                                                                                                                                              | July 2024 – Present          |
| <ul style="list-style-type: none"><li>Building web application products for clients with rapid iteration cycles</li><li>Architected a scalable multi-tenant chatbot platform with Kafka streaming and real-time collaboration</li></ul> |                              |
| <b>Nitrous.dev</b>                                                                                                                                                                                                                      | Jakarta, Indonesia           |
| Part-Time                                                                                                                                                                                                                               | January 2023 – February 2023 |
| <ul style="list-style-type: none"><li>Helped troubleshoot technical problems that 20+ users experienced and contributed to improve user experience.</li><li>Managed and monitored AWS Cloud Platforms</li></ul>                         |                              |

### RESEARCH EXPERIENCE

|                                                                                                                                                                                                                       |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>Towards In-Context Reinforcement Learning</b>                                                                                                                                                                      | August 2024 – January 2025 |
| <ul style="list-style-type: none"><li>Built the general framework for in-context reinforcement learning (ICRL)</li><li>Benchmarked state-of-the-art algorithms of ICRL as baseline for future ICRL research</li></ul> |                            |
| <b>Heuristics-Based Induction of LLM for Automated Fault Localization</b>                                                                                                                                             | January – May 2024         |
| <ul style="list-style-type: none"><li>Selected as one of only seven capstone projects to receive distinction</li></ul>                                                                                                |                            |
| <b>LoRA Augmented Generation (LAG): Memory-efficient LoRA-Boosted Mixture of Experts LLM</b>                                                                                                                          | April – May 2024           |
| <ul style="list-style-type: none"><li>Experience in fine-tuning LLM using Unsloth and Hugging Face library, curating dataset using LLM, and conducting evaluation on LLM using MT-Bench.</li></ul>                    |                            |

### PROFESSIONAL CERTIFICATES

|                                                                |               |
|----------------------------------------------------------------|---------------|
| <b>Machine Learning</b>                                        | May 2022      |
| Stanford University via Coursera (Credential ID: APE9G7CA3VE5) |               |
| <b>Deep Learning</b>                                           | February 2022 |
| DeepLearning.AI via Coursera (Credential ID: KQ3PDUNUBBQL)     |               |

### SKILLS & INTERESTS

**Programming Language & Framework:** C++, Python, JavaScript, HTML, CSS, SQL, Flask, Django, TensorFlow, PyTorch, NodeJS, React, NextJS, MongoDB, PostgreSQL, Git & GitHub, Hugging Face.  
**Software:** Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Figma, MATLAB.  
**Language:** Fluent Bahasa Indonesia, Fluent English (IELTS 8.0), and Basic-Intermediate Chinese (HSK 4).  
**Interests:** Artificial Intelligence, Deep Learning, Software Engineering, Web Development.