

# AARON WIDJAJA

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## EDUCATION

**Santa Monica College**, Santa Monica California

To be Completed: June 2026

Transfer Major: Physics

GPA: 4.0

Relevant Coursework: Calculus I (Ranked #1 in class, strong faculty recommendation), Calculus II (In Progress), Mechanics (in Progress)

Campus Involvement: Programs: STEM (MÁS)

## SKILLS

**Lab Techniques:** Solution preparation, titration, distillation, chromatography (TLC, paper), microscopy, aseptic handling, qualitative ion analysis, DNA extraction, staining techniques

**Tools:** Analytical balance, centrifuge, pH meter, microscope, magnetic stirrer

**Software:** Zotero (reference manager)

**Programming:** Python (Pandas, Mathplotlib), R (ggplot2, tidyverse)

**Robotics:** Arduino(DHT11/22, LDR, Photodiodes, pySerial)

**Spoken Languages:** Mandarin and Indonesian - Trilingual

## WORK EXPERIENCE

**Amicorp**

Singapore, Singapore

Investment Summer Analyst

May 2024 – Aug 2024

- Created 5+ page report on commercial real estate; evaluated key metrics such as cap rates, occupancy rates, and price per sq. ft which identified Jakarta's central business district as the optimal investment zone for AAA office towers
- Supported deal diligence by analyzing the coconut farming industry within Indonesia; evaluated and identified ideal provincial jurisdictions for new farms given weather conditions, access to labor, and export market dynamics
- Conducted industry analysis to source potential investment opportunities in the Indonesian sports industry; identified gaps in team management and training programs and proposed growth strategy given this underserved market need

**PT Quantum Tera Network**

Jakarta, Indonesia

Operations Intern

Jun 2023 – July 2023

- Performed extensive customer outreach and segmentation analysis, gathered data from existing residential, corporate, and hospitality sector clients to identify service reliability issues and enhance client satisfaction and retention strategies
- Analyzed customer complaint trends among hospitality clients, correlating router performance with service dissatisfaction, leading to targeted recommendations for operational improvements and potential upsell opportunities

## EXTRACURRICULAR AND LEADERSHIP EXPERIENCE

**Indonesia National Hockey Team**

Jakarta, Indonesia

Member of U18 National Team

Dec 2022 – Present

- Selected to compete with the team in the 2023 Thailand Invitational Tournament in which the team finished 4<sup>th</sup> among 11 national teams from Malaysia, Philippines, Singapore, China, Thailand, Taiwan and Hong Kong
- Represented Indonesia at the International Ice Hockey Federation (IIHF) Division IV U18 Men's Championship Tournament in Uzbekistan, this marked the country's inaugural qualification for the Division III qualifier event

**Bacayok! Foundation**

Jakarta, Indonesia

Co-founder / Head of Content

Nov 2022 – Jul 2024

- Co-founded a non-profit organization focused on supporting orphanages in South Jakarta; established partnerships with over six orphanages and recruited more than 10+ new student volunteers through effective media outreach
- Developed digital content and managed book donation drives which directly impacted the lives of 200+ orphans by providing educational resources and facilitating bi-weekly visits that included food distribution and language lessons

**Hwa Chong Institution Science Competition**

Singapore, Singapore

School Team Member

Sep 2020 – Aug 2021

- Conducted a comprehensive study on the effects of varying nitrogen, phosphorus, and potassium concentrations on tomato plant growth and authored a detailed 15+ page report that integrated existing literature and experimental data
- Collaborated with a team and expanded the project to include research on bird's eye chili, ginger and lime and was selected to present findings at the Hwa Chong Institution in Singapore, earning a high distinction in the competition

**Interests:** Mechanical Keyboards, Brazilian Jiu-Jitsu, NHL (Vancouver Canucks)