DANIEL SAM WIJAYA

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Education:

Boston University, Boston, MA   **Expected Dec 2025**
Joint B.A. in Computer Science & Economics, Minor in Business
Coursework: Product Management, User-Centric Design, Algorithms, Computer Systems, Data Analysis & Empirical Economics

Skills:

Programming & Platform Tools: React, Python, Java, Jira, GitLab, Agile (Scrum), REST APIs, Figma, SDLC, QA, Microsoft Office
Language: Bilingual in English & Bahasa Indonesia, Limited Working Proficiency in Chinese

Projects:

A.I - Powered Visual Mood & Composition Analyzer for Filmmakers   **July 2025 – Present**
Self-Starter Exploration Project
- **Research** to make an A.I tool for filmmakers to generate "mood profiles" by analyzing color, and clip composition
- **Plan rule-based & ML methods** (OpenCV, scikit-learn, pre-trained models) for composition detection
- **Review** 8+ Academic Papers on affective image analysis, composition detection and visual storytelling

Professional Experience:

Cause Connect, Boston, MA   **May 2024 - Present**
Founder & Project Manager | a tech platform linking students to nonprofits
- **Lead user research with 50+** nonprofits and students to define priorities and validate product direction and shape priorities
- **Execute full product lifecycle** from Figma wireframe design to testing and documentation, aligning feedback to features
- **Spearhead outreach campaigns and landing pages**, securing **$200 in seed capital**, building traction, and advance investments towards go-to-market execution.

TACHYO – Atomic Hands, Boston, MA   **June 2025 – August 2025**
Full-Stack App Developer Intern
- **Owned** semantic retrieval pipeline covering 98% of 312 STEM words, cutting ~95% manual work using and OpenVerse
- **Improved image relevance** to 85%+ and boosting relevance by 300% using with OpenAI's CLIP GPT model
- **Lead QA and user validation sessions** with ASL Educators, collaborating closely with Head SWE and Co-Founder
- **Applied CI/CD practices** and created detailed Markdown, supporting GitLab workflows and facilitating team collaboration

Boston University - School of Public Health, Boston, MA   **April 2025 – August 2025**
Full-Stack Developer - Undergraduate Research Assistant
- **Developed and maintained a React/Supabase TB Tracker platform** to help public health teams in Peru track and predict tuberculosis screening data, collaborating with BU researchers and Peru's Ministry of Health
- **Integrated geospatial data (GeoJSON)** with Leaflet maps to prioritize high-risk TB areas via an interactive dashboard
- **Designed save-state UI features** to boost user satisfaction and enable personalized tracking beyond legacy methods
- **Led Vercel deployment, API integration & testing** ; README docs to ensure smooth handoff and future scalability

PMReady x Hack4Impact@BU, Boston, MA   **January 2025 – May 2025**
Product Management Intern
- **Directed an end-to-end product lifecycle** for a real-time event operations system using React, Supabase, and Figma in a 3-person cross-functional team
- **Cut user ramp-up time by 67%** through 10+ iterative user interviews with BU org leads; redesigned onboarding flow
- **Reduced coordination overhead by 80%** by launching a MVP in under 8 weeks for beta testing; introduced auto-tagging and status tracking for CRUD events
- **Partnered with engineers** to translate user stories into clear PRDs, actionable GitHub issue and traceable CI/CD workflow
- **Orchestrated sprint execution and backlog prioritization via Jira** to ensure timely and aligned product delivery

Extracurricular Activities:

PM Job Simulations (Forage), E-Board Impact Team (PMReady), Salesforce Academy (Deloitte), Google Data Analysis Certificate