

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, RAG, LLMs, Office 365

Language: Bilingual in English & Bahasa Indonesia, Limited Working Proficiency in Chinese

Projects:

GRACEFUL – a Langflow Meta-AI Flow Architect Agent

September 2025 - Present

Spark! Co-Founder & Technical Teammate

- **Engineer a Meta-AI Custom Architect Agent** that autonomously translates natural language into executable Langflow Flow JSON, utilizing Pydantic for Structured Output to ensure development integrity
- **Synthesize the core RAG system** and knowledge base to equip the Agent with reliable flow connections and connectivity
- **Collaborate with UX Designers & Technical Teammates** to define architecture and secure integration logic for the Agent

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 for GTM strategy

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 OpenVerse
- **Improved image relevance** to 85%+ and boosting relevance by 300% using with OpenAI's CLIP GPT model
- **Initiated 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 GeoJSON geospatial data** 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
- **Enforced 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:

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