DANIEL SAM WIJAYA

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Education:

Boston University, Boston, MA   **Expected January 2026**
Joint B.A. in Computer Science & Economics, Minor in Business
Coursework: Product Management, User-Centric Design, Algorithms, Data Structures, 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

Projects:

GRACEFUL – a Langflow Meta-AI Flow Architect Agent   **September 2025 - Present**
Spark! Innovation Co-Founder & Technical Software Engineer
- **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:

Hack4Impact@BU, Boston, MA   **September 2025 – Present**
Technical Product Manager
- **Drive a full website redesign initiative** using React and Strapi CMS to expand engagement among 250+ prospective users
- **Target 70% signup conversion** & content updates through improved onboarding and content delivery in user acquisition

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 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 full product lifecycle** for a real-time event ops MVP using React, MongoDB, and Figma in a 3-person team
- **Cut user ramp-up time 67%** through 10+ iterative user interviews with BU org leads and redesigned the onboarding flow
- **Reduced coordination overhead 80%** with auto-tagging and tracking; launched MVP in less than 8 weeks for beta testing
- **Orchestrated sprint execution,** turned user stories into clear PRDs, GitHub PRs and **Jira** sprints for smooth CI/CD delivery

Extracurricular Activities:

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