FITZ TROY R. TOBIAS

UNDERGRADUATE CURRICULUM VITAE | COMPUTER SCIENCE - DATA SCIENCE
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ACADEMIC PROFILE AND INTERESTS

Graduating BS Computer Science student specializing in Data Science at FEU Institute of Technology. Experience in Python, SQL, machine learning, and web development through a team career decision support thesis and a deployed booking website. Interested in applied data analytics, AI, and software that helps people make decisions. Seeking a supervised 520-hour internship starting December 14, 2026, or later.

EDUCATION

FEU Institute of Technology (FEU Tech) | Manila, Philippines
BS Computer Science, Specialization in Data Science | Aug 2023 - 2027 (expected)

TECHNICAL SKILLS

Languages: Python, SQL, TypeScript, JavaScript, Java, C++, PHP
Web and data: Next.js, React, Tailwind CSS, PostgreSQL/Supabase, Git/GitHub, Vercel, ensemble learning
Course-based exposure: Kotlin and Android development; MATLAB, statistics, and data analytics
Project methods and AI tools: PMI project management fundamentals, Agile and plan-based methods, business analysis; ChatGPT for ideation and revision

SELECTED SOFTWARE AND RESEARCH PROJECTS

JobPath - Philippine Skills Framework Aligned Career Decision Support System | *Undergraduate thesis, 2026*

- Collaborated on a web-based system that uses ensemble learning to recommend career paths and identify skill gaps for computer students.

Lucky 9 Pickleball Court Scheduling Website | *Next.js, TypeScript, Supabase, PostgreSQL; live demo, 2026*

- Built and deployed a booking website with hourly availability, customer reservations, and administrative controls.
- Implemented authentication, role-based access, and a PostgreSQL database with Row Level Security.

CERTIFICATIONS AND TRAINING

- PMI Project Management Ready - Project Management Institute, Mar 2026; IT Specialist: Python - Certiport/Pearson, Jul 2025
- Docker Foundations Professional Certificate - Docker; Linux Essentials - Cisco Networking Academy; Fundamentals of Machine Learning and AI - AWS Training
- LinkedIn Learning, 2025: Learning Data Analytics: 1 Foundations (Oct); Accelerated MATLAB (Nov); Complete Guide to Android Development with Kotlin for Beginners (Nov)
- LinkedIn Learning, Oct 2025: How to Use AI for Upskilling and Lifelong Learning; Nano Tips for Peak Performance with Shadé Zahrai

HONORS AND ACTIVITIES

- Best Thesis, Behavioral, Human and Social Analytics category, for the JobPath team research project.
- JobPath team invited to present the project at AICON Manila 2026; National AI Prompt Design Challenge Philippines, Jun 2025.