

Lloyd Derryk Mudanza Alba

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EDUCATION

Texas A&M University

Expected Graduation Dec 2027

Bachelor of Science in Computer Science

- GPA: 4.0
- Relevant coursework: ENGR-102 Engineering Lab I - Computation

Austin Community College

Expected Graduation Dec 2024

- GPA: 3.5
- Co-enrolled with Texas A&M through Texas A&M Engineering Academy

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, SQL, HTML/CSS/JavaScript

Frameworks: Flask, Svelte, SvelteKit, TailwindCSS

Development Tools: Azure DevOps, GitHub, Terminal/Command Prompt, Jira, Figma, Canva

Spoken Languages: English, Filipino (Ilonggo, Tagalog), Spanish

PROFESSIONAL & TECHNICAL EXPERIENCE

Arrive Logistics

Software Engineer Intern - Platform Engineering

Jun 2024 - Current

In progress

Software Engineer Intern - Platform Engineering

Jun 2023 - Aug 2023

Impact: Reduced engineer workload by 1-2 developer days per sprint by constructing an Internal CLI Tool feature

- Automated various DevOps tasks such as version control, Dotnet Template App creation, and CI/CD pipelines processes
- Implemented test-driven development, took detailed documentation and onboarded more permanent engineers
- Presented project to 50+ Arrive Logistics engineers and Code2College board of directors

Code2College

Sep 2022 - Aug 2023

High School Participant

Elite 102: 4-week programming course simulating a software engineering internship

- Project: Developed a fullstack banking application, complete with a GUI and database using Python and SQL

Elite 101: 8-week programming course emphasizing collaboration tools such as Github, Jira, and Miro

- Project: Python chatbot for restaurant with features like order-taking, natural language order processing, and receipts

Bootcamp: 9-week programming course introducing software engineering rules and concepts

- Developed programming skills and familiarized with professional software development practices

PERSONAL PROJECTS

Personal Financial Advisor App

Python/Flask/HTML/BootstrapCSS/JavaScript

Python Flask Web App that helps students gain valuable insights into their financial habits

- Designing a quantitative machine learning approach to aid users in making personal finance decisions
- Conducting research in utilizing income volatility in personal finance forecasting