

Davis Kelvin

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EDUCATION

BINUS University

Bachelor's of Science, Computer Science

Cumulative *GPA*: 3.84

Alam Sutera, Tangerang

Sep 2022 - Jan 2026

WORK EXPERIENCES

BINUS University

Laboratory Assistant

Alam Sutera, Tangerang

Aug 2023 - Jan 2026

- Taught 7 - 8 classes each semester with different subjects
- Made practicum cases and marked student's exam results
- Completed multiple Test Progressive Assistant (TPA) projects, such as:
 - Game development using Unity
 - Desktop application development using React.js, Rust, Tauri, and MySQL
 - Web development using React.js, PostgreSQL, and Golang(Gin)
 - Mobile application development using Kotlin and Firebase
 - Network administration using Cisco Packet Tracer, Proxmox, Docker, Grafana, Prometheus

Apple Academy

IOS Foundation

Alam Sutera, Tangerang

Mar 2023 - April 2023

- Developed an IOS based mobile application called "Grow" focusing on helping mental health problems specifically anxiety with gratitude journaling

BINUS Student Learning Community

Scholarship Tutor & Mentor

Alam Sutera, Tangerang

Feb 2024 - Feb 2025

- Become a tutor for undergraduate students majoring in computer science, teaching scientific computing using Python; awarded 18 credits semester as scholarship
- Provided mentorship to undergraduate students becoming their learning partner to motivate them on their study; awarded 18 credits semester as scholarship

PROJECTS

Grow | *SwiftUI*

[Github Link](#)

An iOS app focused on mental health, specifically addressing anxiety through gratitude journaling. It promotes emotional resilience and well-being with an intuitive and engaging interface

PhilanthroFI | *Motoko, React*

[Youtube Link](#)

A decentralized charity platform on the ICP blockchain, designed to empower fundraisers to receive and donate funds transparently. It aims to eliminate corruption and enhance accountability in charitable events

Spark | *React, Firebase*

[Youtube Link](#)

A gamified volunteering app that inspires community engagement by turning volunteer activities into interactive challenges. Users can track their impact, earn rewards, and connect with others through a dynamic and user-friendly platform

XOOL0'D Towering | *Unity, C#*

[Github Link](#)

An immersive RPG game offering players the freedom to explore a vast, dynamic world filled with monsters, dungeons, and dragons. It delivers a rich, open-ended adventure experience where exploration and discovery take center stage

NJotify | *React, Gin, PostgreSQL, Flask*

[Github Link](#)

A music streaming platform inspired by Spotify, offering seamless access to a vast library of songs. With an added feature powered by AI, users can identify and search for songs using speech or audio input, enhancing the music discovery experience

SRExam | *React, Tauri, MySQL, GraphQL*

[Github Link](#)

An exam management platform designed specifically for assistant labs. SRExam streamlines the process of organizing, administering, and tracking exams, providing an efficient and user-friendly solution for educational environments

RESEARCH

Sign Language Detection Using Faster R-CNN with Resnet50 Backbone [Paper Link](#)

A research on comparing sign language detection using AI object detection models (Faster R-CNN with ResNet50, MobileNetV3, YOLOv8, and SSDLite). Accepted and published on 2024 International Conference on Artificial Intelligence, Blockchain, Cloud Computing, and Data Analytics (ICoABCD)

SKILLS & ACHIEVEMENTS

Languages: English, Indonesian

Soft Skills: Public speaking, leadership, teaching, consistent, work ethic

Programming Language: C++, C#, Java, Typescript, Go, Rust, Kotlin, Python

Databases: PostgreSQL, MySQL, Firebase, T - SQL

Programming Framework: React.js, Tauri, Laravel, Gin, ASP.NET, Astro.js

Activities: Garuda Hacks 5.0 hackathon, Codefest Internet Computer Web3 hackathon