

Julian Setiadi

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EDUCATION

University of Connecticut

Bachelor of Science in Computer Science, Minor in Entertainment Engineering

Storrs, CT

Aug. 2021 – May 2025

EXPERIENCE

Software Engineering Intern

Savant Systems

Jan. 2025 – Present

Hyannis, MA

- Refactor hardware connectivity app architecture on iOS and Android using Swift, React Native, and Objective-C.
- Build a Swift-based UI component for energy scene configuration, adding a dynamic preview for better usability.
- Enhance user accuracy by 40%, reducing errors in scene creation and improving the smart home experience.

Student Software Developer

Digital Experience Group

Aug. 2023 – Present

Storrs, CT

- Partner with UConn departments to create custom digital software for research and academic operations.
- Develop a crop reminder app for the USDA using PHP and Slim, improving farm management by 30%.
- Collaborate with the OVPR to develop an LLM app to enable easy search of faculty research and publications.

Student Web Developer

Werth Institute for Entrepreneurship and Innovation

Aug. 2023 – Present

Storrs, CT

- Manage the Werth Institute website using WordPress, achieving a 50% increase in visitors.
- Communicate with clients to gather requirements, provide progress updates, and ensure client satisfaction.

Resident Assistant

UConn Residential Life

Aug. 2023 – Present

Storrs, CT

- Oversee a community of 40+ residents, enforcing policies and providing support.
- Plan and lead educational and social programs that enhanced resident engagement and well-being.

Vice President

Husky Developers

Dec. 2021 – May 2023

Storrs, CT

- Facilitate workflow of 5 STEM-related software development projects that aim to increase student well-being.
- Organize 10 projects for a team of 100+ members to enrich tech portfolios.

Computer Analyst

IT Student Life & Enrollment

Oct. 2021 – May 2023

Storrs, CT

- Install and configure 100+ computer hardware, operating systems, and software applications.
- Monitor and proactively maintain computer systems/networks across 10 departments.

PROJECTS

InsightCloud | Node.js, AWS S3, React, Java, Beacon API

Aug. 2024 – Present

- Develop a scalable cloud-based analytics solution using AWS, enhancing user interaction tracking.
- Refine platform features through user testing, receiving positive stakeholder feedback.
- Design for integration across 100 Synchrony Financial applications, ensuring consistent data insights.

Enroll Husky | Vue.js, AWS S3, Lambda, DynamoDB, Docker

Aug. 2023 – Dec. 2023

- Create a classroom enrollment system using AWS, Lambda, and DynamoDB for course management.
- Utilized Docker for consistent development and deployment environments.
- Integrate Auth0 for secure user authentication, enhancing data protection.

LaundryConn | React Native, Supabase, Raspberry Pi, Tailwind CSS

Aug. 2022 – Dec. 2023

- Develop a system using Raspberry Pico vibration sensors to monitor washing machines and dryers.
- Implement data processing to detect vibration patterns, enabling notifications when cycles were complete.
- Improve user experience by reducing wait times by 40% through alerts, enhancing overall laundry efficiency.

TECHNICAL SKILLS

Spoken Languages: Conversational Proficiency in English and Bahasa Indonesia

Coding Languages: Java, Python, C/C++, SQL, SQLite, JavaScript, HTML/CSS, Typescript, PHP, Kotlin, LUA

Frameworks: React/React Native, Vue.js, Node.js, Next.js, Flask, AngularJS, WordPress, Laravel, Tailwind CSS, Supabase, MongoDB, DynamoDB, Firebase, Slim, Chakra UI