

# Julian Setiadi

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## EDUCATION

### University of Connecticut

Storrs, CT

*Bachelor of Science in Computer Science, Minor in Entertainment Engineering*

Aug. 2021 – May 2025

- Coursework: Data Structures and Object-Oriented Design, Principal Programming, C++ Essentials, Discrete Systems, Systems Programming, Computer Architecture, Mobile App Development, Algorithms and Complexity, Drafting for Entertainment Engineering, Cloud Computing, Principles of Databases, Statistical Methods for Engineers, Software Engineering, Cybersecurity Lab, Scenic Construction, Asian Theater and Performance

## EXPERIENCE

### Software Developer

Aug. 2023 – Present

*UConn Digital Experience Group*

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 Office of the Vice President for Research to develop an LLM app that allows students and faculty to easily access and search publications and research conducted by faculty members.

### Web Developer

Aug. 2023 – Present

*Werth Institute for Entrepreneurship and Innovation*

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.

### Vice President

Dec. 2021 – May 2024

*Husky Developers*

Storrs, CT

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

### Computer Analyst

Oct. 2021 – May 2023

*IT Student Life & Enrollment*

Storrs, CT

- \* Installed and configure 100+ computer hardware, operating systems, and software applications.
- \* Monitored 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

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

### LaundryConn *React Native, Supabase, Raspberry Pi, Tailwind CSS*

Aug. 2022 – Dec. 2023

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

## SKILLS & ENGAGEMENT

**Spoken Languages:** native speaker of 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