

Samuel Adrian Kosasih

College Park, MD

📞 206-530-4985 | ✉️ samadrianko@gmail.com | 🏠 samadrn.com | 🐙 github.com/SamAdrn | 🔗 linkedin.com/in/samkosasih

Education

University of Maryland

College Park, MD

B.S. in Computer Science, Minor in Entrepreneurship in Tech | GPA 3.4/4.0

August 2021 - May 2024

- Dean's List: Fall 2022, Spring 2023
- **Courses:** Mobile Development, Web App Development, Database Design, Computer and Network Security, Advanced Data Structures, Algorithms, Computer Systems, OOP II

Skills

Languages Javascript, Ruby, Java, Python, Swift, HTML, CSS, OCaml (Functional Programming), C

Libraries/Tools React, Node.js, Express.js, Next.js, Git, Tailwind, Bootstrap, SwiftUI, Firebase, MongoDB, jQuery

Soft Skills Leadership, Communication, Time Management, Teamwork, Problem-solving, Documentation, Customer Service

Work Experience

Indonesia Infrastructure Guarantee Fund (IIGF) Institute

Jakarta, Indonesia (Remote)

Web Development Intern

June 2023 - Current

- Designed and developed an executive dashboard to facilitate infrastructure project investments for Indonesian stakeholders within a notable government institution.
- Collaborated with the Project Division to comprehend dashboard requirements, showcasing adaptability to project-specific demands.
- Leveraged **Next.js** and **React** to craft the dashboard, creating universal components and utilized the **App Router** for seamless navigation.
- Ensured a responsive and mobile-friendly design, dynamically arranging components for optimal user experience across various screen sizes.
- **Skills:** React, Next.js, Tailwind, Collaboration

UMD Division of IT | Terrapin Tech

College Park, MD

Student Lead

November 2021 - Current

- Assisted UMD students, teachers, and faculty in resolving technology challenges, providing step-by-step solutions and clear guidance.
- Ensured effective teamwork by maintaining consistent communication with colleagues, contributing to exceptional customer service standards.
- Managed special orders for university departments, meticulously tracking inventory changes to ensure accuracy.
- Mentored team members on store procedures, and led bi-weekly meetings with a small team to ensure they have improved work performance.
- **Skills:** Apple GSX, ServiceNow, Lightspeed POS, Leadership, Teamwork, Communication, Troubleshooting, Customer Service.

Projects

Pocket Garage (Repo)

College Park, MD

Personal Project

July 2023

- Developed a cross-platform **React Native** application offering quick access to detailed specifications of various car models, enhancing user convenience compared to web-based searches.
- Leveraged **APIs** for data retrieval and **Google Firebase Realtime Database** to manage car make data efficiently, optimizing the user experience.
- Utilized **Expo framework** and React Native expertise to ensure seamless functionality and responsive design on both platforms.
- Technical Skills: **React Native, Expo, Mobile Development**

Unity (Repo)

College Park, MD

Group Academic Project

May 2023

- Developed an **iOS** app, encouraging user engagement with their surroundings by incentivizing walking through gamified rewards.
- Deepened understanding of **Object-Oriented Programming**, implementing reusable environment objects and managing states dynamically based on user interactions.
- Gained proficiency in the **SwiftUI** library, crafting visually appealing components for creating captivating user experiences.
- Technical Skills: **Swift, SwiftUI, Xcode, Object-Oriented Programming**

Revamped Testudo (Repo)

College Park, MD

Personal Project

January 2023

- Enhanced UMD students' course search experiences through an intuitive interface emphasizing key information and minimalist design.
- Developed a dynamic website using **Express.js**, establishing a web server that interfaced with the university's courses API to deliver course details based on user search queries, including filters and sorting options.
- Enabled efficient data management by leveraging a remote MongoDB database improve query performance for users.
- Technical Skills: **HTML, CSS, Javascript, jQuery, Node.js, Express.js, Bootstrap, EJS, Fetch API, MongoDB, Web Development**