

Samuel Adrian Kosasih

College Park, MD

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EDUCATION

College Park, MD

University of Maryland, College Park

May 2024

- **Major:** Computer Science, B.S. (GPA 3.4/4.0) | **Minor:** Entrepreneurship in Tech
- **Coursework:** Database Design, Computer and Network Security, iOS Development, Advanced Data Structures, Web App Development, Object-Oriented Programming

SKILLS

Proficient: JavaScript, React, Ruby, Java, HTML/CSS, Git | **Familiar:** Python, Swift, SQL, Next.js, Node.js

EXPERIENCE

Web Development Intern

Indonesia Infrastructure Guarantee Fund (IIGF) Institute

June 2023 - Aug 2023

- Collaborated with a team member to design and develop an executive dashboard application to facilitate infrastructure project investments for Indonesian stakeholders within a notable government institution
- Coordinated with other divisions to comprehend dashboard requirements, translating to project-specific demands
- Leveraged **JavaScript**, **Next.js**, **React**, and **Tailwind** to craft the app, creating universal components, utilizing the **App Router** for seamless navigation, and ensuring a **mobile-responsive** view of dynamically arranged components

Student Lead

UMD Division of IT | Terrapin Tech

Nov 2021 - Present

- Led a team of technicians with a mission to serve the UMD community by resolving technology challenges through step-by-step guidance and critical problem-solving skills, maintaining a high quality of customer service standards
- Held bi-weekly meetings with team members to settle concerns and ensure improved work performance
- Utilized the ServiceNow dashboard to create and keep track of customer interactions, maintaining informative records of everything that happens in the store

PROJECTS

Personal Website: <https://www.samadrn.com>

Pocket Garage – A React Native Car Information Retrieval Application ([Repo](#))

July 2023

- Developed a cross-platform **React Native** application, built upon the Expo framework and written in JavaScript, that offers quick access to detailed specifications of various car models sold all around the world from 1941 - 2022
- Leveraged **APIs** for real-time data retrieval and **Google Firebase** for efficient data management

Unity – An iOS Application that inspires you to actively connect with your environment ([Repo](#))

May 2023

- Collaborated on a team project to develop an application that rewards users for exploring their surroundings
- Implemented reusable environment objects and dynamic state management using the **Swift** programming language, while utilizing the **SwiftUI** library to improve application accessibility and aesthetics for all users

Testudo Revamped – A Better Class Schedule System for Students of the University of Maryland ([Repo](#))

Jan 2023

- Established a web server using **Express.js** that interfaced with the university's courses **API** to deliver course details based on user search queries, optimized by leveraging a remote **MongoDB** database for better performance
- Crafted dynamic **HTML** pages using **EJS** templates and employed **JavaScript** to transmit the appropriate data