

Samuel Adrian Kosasih

College Park, MD

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EDUCATION

College Park, MD

University of Maryland, College Park

Aug 2021 - 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, and more...

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 - Present

- Collaborated with a team member to design and develop an executive dashboard to facilitate infrastructure project investments for Indonesian stakeholders within a notable government institution.
- Leveraged **Next.js**, **React**, and **Tailwind** to craft the dashboard, creating universal components, utilizing the **App Router** for seamless navigation, and ensuring a **mobile-responsive** view of dynamically arranged components.
- **Skills:** React, Next.js, Tailwind, Collaboration

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 continuously improving work performance.
- **Skills:** Apple GSX, ServiceNow, Lightspeed POS, Leadership, Teamwork, Communication, Troubleshooting

PROJECTS

Personal Website: <https://www.samadrn.com> (for additional information about me and my projects)

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

July 2023

- Developed a cross-platform **React Native** application offering quick access to detailed specifications of various car models by leveraging **APIs** for data retrieval and **Google Firebase** to manage car make data efficiently.
- **Skills:** React Native, Expo Framework, APIs, Google Firebase, Mobile Development

Unity – An iOS Application that encourages you to engage with your surroundings ([Repo](#))

May 2023

- Collaborated on a team project to develop an application that rewards users for exploring their surroundings, built by implementing reusable environment objects and dynamic state management from the **Swift** programming language.
- **Skills:** Swift, SwiftUI, Xcode, Object-Oriented Programming, Mobile Development

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

Jan 2023

- Established a web server 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.
- **Skills:** HTML, CSS, Javascript, jQuery, Node.js, Express.js, Bootstrap, EJS, Fetch API, MongoDB, Web Development