Samuel Adrian Kosasih

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Education

University of Maryland   *College Park, MD*

B.Sc in Computer Science, Minor in Entrepreneurship in Tech   *August 2021 - May 2024*

- Dean's List: Fall 2022, Spring 2023
- **Courses:** OOP II, Computer Systems, Organization of Programming Languages, Algorithms, Web App Development, Mobile Development

Edmonds College   *Lynnwood, WA*

A.Sc in Computer Science & High School Diploma   *September 2019 - May 2021*

- Graduated with a 3.8 GPA out of a 4.0 GPA Scale
- Became a member of the Phi Theta Kappa Honor Society
- Volunteered 10+ Hours into various school events and gained organizational experience in the Edmonds Indonesian Club
- **Courses:** Introduction to Computer Science, Object-Oriented Programming I-III, Calculus I-III, Linear Algebra, Engineering Physics w/ Lab I-III

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

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 and guided team members on store procedures, prioritizing their well-being and safety in a customer-facing role.
- **Skills:** Apple GSX, ServiceNow, Lightspeed POS, Leadership, Teamwork, Communication, Troubleshooting, Customer Service.

Projects

Pocket Garage   *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**
- **Link to GitHub Repo**

Unity   *College Park, WA*

Group Academic Project   *May 2023*

- Collaborated in developing an iOS app using **Swift**, encouraging user engagement with their surroundings by incentivizing daily 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**
- **Link to GitHub Repo**

Revamped Testudo   *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**
- **Link to GitHub Repo**