Samuel Adrian Kosasih

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EDUCATION

University of Maryland, College Park   College Park, MD
Computer Science - Bachelor of Science   *Aug. 2021 – May 2024*
- GPA 3.46/4.0 - Semester Academic Honors: Fall 2022, Spring, 2023, Fall 2023, Spring 2024

EXPERIENCE

Associate Software Engineer L2   June 2024 – Present
Inovalon   *Bowie, MD*
- Developed a JavaScript tool to streamline mapping object metadata properties using Swagger documentation by collecting JSON schemas from various endpoints, processing them, and exporting the data into multiple formats
- Leveraged Angular.js to develop core functionalities of an internal admin tool for managing customer enterprise accounts, including role assignment for customer employees and access provisioning for product applications
- Developing a wizard-style form application from scratch using Angular to streamline customer onboarding and product setup for Inovalon's platform, particularly on the form creation and authentication

Web Development Intern   June 2023 – Aug 2023
Indonesia Infrastructure Guarantee Fund (IIGF) Institute   *Jakarta, Indonesia*
- Collaborated with a software engineer 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 Technician   Nov. 2021 – Present
UMD Division of IT | Terrapin Tech   *College Park, MD*
- 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 over 500+ customer interactions, maintaining informative records of everything that happens in the store

PROJECTS

Pocket Garage | *React Native, Google Firebase*   July 2023
- A React Native Car Information Retrieval Application
- 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
- Leveraged APIs for real-time data retrieval and Google Firebase for efficient data management

Unity | *Swift, SwiftUI, Xcode*   April 2023 – May 2023
- Collaborated on a team project to develop an iOS application that rewards users for exploring their surroundings
- Utilized MapKit and HealthKit to integrate Apple Maps and Apple Health features into the application, allowing users to view their current location and track their number of steps
- 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 | *HTML, CSS, JavaScript, Node.js, Bootstrap, MongoDB*   Dec 2022 – Jan 2023
- A Better Class Schedule System for Students of the University of Maryland
- 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

TECHNICAL SKILLS

Languages: TypeScript, Java, Swift, Python, C, Ruby, SQL (Postgres), HTML/CSS, Racket (Lisp)
Frameworks: Angular, React, Node.js, Next.js, Flask, JUnit
Developer Tools: Git, Azure DevOps, Docker, MongoDB, VS Code, Xcode, PyCharm, IntelliJ, Eclipse