

# Samuel Adrian Kosasih

Hyattsville, MD

☎ 206-530-4985 | ✉ samadrianko@gmail.com | 🏠 samadrn.github.io/ePortfolio/ | 📄 github.com/samadrn | 🔗 linkedin.com/in/samkosasih

## Education

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### University of Maryland

College Park, MD

B.Sc in Computer Science

August 2021 - May 2024

- **Courses:** OOP II, Computer Systems, Discrete Structures, Organization of Programming Languages, Algorithms, Web App 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

## Work Experience

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### Terrapin Tech

College Park, MD

Assistant Lead

November 2021 - Current

- Assist students, teachers, and faculty at the University of Maryland in troubleshooting various software issues and coherently walk through the solutions to solve their problems and concerns.
- Maintained and collaborated on a seamless flow of communication between co-workers through ServiceNow to uphold our sterling customer services.
- Processed numerous special orders requested by various university departments and account for new and existing inventory through diligence and attention to detail.
- Promoted to Assistant Lead within a semester, adding the responsibility of guiding new hires with various troubleshooting procedures.
- **Skills:** Apple GSX, ServiceNow, Lightspeed POS, Leadership, Teamwork, Communication, Troubleshooting, Customer Service.

## Projects

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### Revamped Testudo

College Park, MD

Personal Project

January 2023

- The goal of this project is to enhance the experiences that students of the University of Maryland goes through to search for potential courses.
- Used **Express** to set up a **web server** that connects to the university's courses **API** in order to display relevant course information in a more minimalist design that could help users process more information faster.
- Implemented **CRUD** functionalities to create, read, update, and delete information in a remote **MongoDB** database to help query more accurate results at a faster rate.
- Technical Skills: **HTML, CSS, Javascript, jQuery, Node.js, Express, Bootstrap, EJS, Fetch API, MongoDB.**
- [Link to GitHub Repo](#)

### Caraoke

College Park, MD

Bitcamp 2022 Hackathon

April 2022

- Created a mini lyrics display inspired by car karaoke sessions during road trips and night drives.
- Used an **Arduino** Genuino 101 board to display lyrics on a 16x2 Grove LCD RGB Backlight C++ to communicate with computer ports.
- Learned how to relay information from Spotify's **API** to get details on the user's currently played song in JSON format, and used Textyl.co's lyrics API to be converted to a Python dictionary format.
- Technical Skills: **Python, Arduino, Spotify API, JSON.**
- [Link to GitHub Repo](#)

### Bank Application

Edmonds, WA

Personal Project

July 2021

- Practiced the concept of Object Oriented Programming by properly enforcing encapsulation to build up various classes that make up the project.
- Built a **JavaFX** GUI using **FXML** to present an interactive interface to the user, and implemented File Handling for better user experience.
- Technical Skills: **Java, JavaFX, FXML, Object-Oriented Programming.**
- [Link to GitHub Repo](#)

## Skills

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**Programming** Java, C, HTML, CSS, Javascript, Ruby, OCaml (Functional Programming), Python, Node.js

**Miscellaneous** GitHub, jQuery, Bootstrap, Express, UNIX, JavaFX (FXML), Java Swing, Microsoft Office, Google Workspace.

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