



David Kaler

## SOFTWARE DEVELOPER

### Details

Floral Park, NY  
3479824752  
dikalereyola.edu

### Links

Github:

<https://github.com/dikaler>

LinkedIn:

<https://www.linkedin.com/in/david-kaler-57b530209/>

### Skills

Python  
HTML & CSS  
JavaScript  
Object-Oriented Programming  
Collaboration  
Teamwork  
Documentation  
jQuery  
C++  
PHP  
Java  
SQL

### Profile

I possess a diverse skill set with a strong proficiency in programming languages such as Python, C++, and JavaScript. I am able to effectively self-manage during independent projects while also collaborating well in a team setting. Additionally, I am committed to continuously learning and adapting to new technologies. Most importantly, I am passionate about programming and committed to delivering high-quality work.

### Employment History

BAE Systems

June 2022 – August 2022

Software Engineer - Technical Intern III

Greenlawn, NY

- Developed and deployed an internal webserver that will be used across the company, resulting in a significant reduction in the time spent filling out software turnover documents by over 60%.
- Proficient in utilizing various front-end technologies such as HTML, CSS (including UIKit and Bootstrap), JavaScript, and Ajax, as well as back-end technologies such as Pyscript, API (including Flask), NodeJS, and PHP.
- Created and implemented API's using web scraping techniques to extract and integrate essential data into the turnover documents.
- Designed and developed a database abstraction layer using PostgreSQL and Flask server, enabling efficient CRUD operations.
- Presented frequent progress reports and conducted demos to showcase the inner workings of the code and webserver to the team.
- Demonstrated excellent documentation skills and teamwork through experience with Agile project management and daily scrums.

American University Dubai

January 2022 – April 2022

Python Workshop Leader

Dubai, UAE

- Conducted a series of workshops over the course of the semester, aimed at helping students who were proficient in C++ to learn Python.
- Demonstrated proficiency in teaching essential Python libraries used for data analysis, including NumPy, Matplotlib, Pandas, and SciPy.
- Taught students important Object-Oriented Programming concepts, such as Classes, Objects, Inheritance, Encapsulation, Data Abstraction, and Polymorphism.

Mount Sinai South Nassau Hospital

July 2021 – August 2021

IT Intern

Oceanside, NY

- Imaged and re-imaged computers for employee use.
- Assembled PCs and installing desk top set ups.
- Experience with wiring and resetting servers in server rooms.
- Resolved hardware and software issues for medical cart computers.

### Education

Loyola University Maryland, BSE

September 2022 – May 2023

Major: Computer Engineering, 3.65 GPA

Baltimore, MD

Clubs: Engineering Club, Robotics Club

Honors: Deans List (Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2023)

Relevant Course Work: FPGA Design, Object-Oriented Programming, Computer Architecture, Communication Systems, Linear Circuit Analysis, Signals and Systems, Electronics, Digital Logic, Linear Algebra, Calculus III, Probability and Statistics

Study Abroad Semester

January 2022 – April 2022

American University Dubai  
Computer Engineering

Dubai, UAE