

John Photis

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EDUCATION

Suffolk University BS 2023

Boston, MA

Computer Science (STEM)

- **Honors/Awards:** Dean's List, Dean's Scholarship, Samia Scholar
- **Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Calculus I, Calculus II, Computer Architecture, Operating Systems, Computer Networks, Database Systems, Data Science, Discrete Mathematics I, Discrete Mathematics II, Probability and Statistics

WORK EXPERIENCE

Freelance

Remote

Game/Software Developer | Lua, Java, HTML, Javascript

June 2017-Present

- Developed and implemented over 30 custom scripts using Lua for game servers, enhancing gameplay mechanics, and creating immersive gameplay experiences.
- Increased player engagement by 70% through the introduction of new features and optimized scripts.
- Created and maintained server-side plugins to enhance game features and facilitate community interactions, resulting in a 90% increase in player satisfaction and positive reviews.
- Collaborated closely with a development team of 3 to implement feedback, iterate on designs, and deliver high-quality game experiences. Completed projects within 99% of the estimated time, ensuring timely product releases.

Hellenic World Production

Winthrop, MA

Software Development & Research Intern | HTML, CSS, CMS

May 2022-Aug 2022

- Conducted an in-depth study identifying user engagement drivers, finding that interactive content boosted on-site duration by 15%, while personalized sports updates enhanced user retention by 10%.
- Utilizing insights from the research, collaborated on the creation and deployment of a Greek American sports platform, drawing over 1,500 unique visitors in its initial quarter.

PROGRAMMING EXPERIENCE

[Shell/Terminal](#) | C, Git, Linux Ubuntu

Feb 2023-Apr 2023

- Collaborated with a team of 2 responsible for designing and implementing a custom Linux replica shell/terminal application in C language using Ubuntu Linux.
- Implemented essential functionalities of a terminal, including command parsing, process execution, piping, and background process management.
- Conducted extensive testing, running over 500 test cases to validate the replica terminal's functionality and reliability, achieving a 99% pass rate.

[Full Stack Police Force Web Application Database](#) | Python, Django, SQLite, React.js, HTML, CSS Sep 2022-Dec 2022

- Developed a front-end user interface and back-end infrastructure for a Full Stack Police Force Web Application Database, utilizing Python, Django, SQLite, React.js, HTML, and CSS, resulting in an intuitive and user-friendly experience.
- Implemented RESTful APIs and utilized the database to efficiently manage over 10,000 records, reducing data retrieval time by 40% and enhancing the overall efficiency of operations.
- Designed a robust querying system that enabled users to search and retrieve specific information from the database, resulting in an average search time reduction from seconds to milliseconds, improving productivity by 30%.

TECHNICAL SKILLS

Programming: Python, Java, C, C++, C#, LUA, Prompt Engineering

Frameworks and DBMS: .NET, Qt, SQL, React, Django

Software: Git, Docker, VS Code, Eclipse, Spyder

Operating Systems: Windows, Linux