

Stamatios Morellas

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Summary

Shared experience and interests in Object-Oriented Programming, System Architecture, Data Science, Pen Testing, and Front-End User Interfaces. A naturally creative, resourceful, and result-driven individual who is eager to build digital products that help shape the future of humanity. Seeking a position that will enable me to apply my existing knowledge, acquire new knowledge, and collaborate in a team-like environment.

Core Competencies

Technical: Java, C/C++, JavaScript (Node.js), HTML/CSS, Git, Ubuntu, Kali Linux, Python

Soft: Creativity, Problem-solving, Critical thinking, Adaptability, Open-mindedness, Communication, Teamwork, Organization

Hard: Heuristic evaluation, Network security, Mobile development, Data analysis, User interface design, Adobe Creative Suite, Microsoft Office, Social media marketing, Bilingual

Education

Bachelor of Science - Software Engineering

Iowa State University - Ames, IA

Aug 2016 - Dec 2020

Experience

Research Internship

University of Minnesota - Dept. of Psychiatry

- Managed a GitHub Enterprise repository to organize a wide range of lab data
 - Collected, filtered, and analyzed data of patient time-series data
 - Collaborated on implementing a data analytics platform for data using LSTM deep learning networks in Python
 - Explored techniques for identifying teen depression in fMRI scans using Python
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Projects

Cooking App

- A semester-long group project for my software development practices course
- Developed the front-end for our client-server android application using agile methodologies and modern UI/UX design principles
- Challenges included acquiring new knowledge on-the-go, meeting weekly deadlines, and learning how to integrate the client and server-side applications

Make 2 Innovate: Rockwell MADS-B

- Integrated the input/output for the Automatic Dependent Surveillance-Broadcast (ADS-B) by converting the formatted input data into a human-readable output
- Optimized the casing for the ADS-B system for maximum heat efficiency