Stamatios Morellas

Website: https://stamatimorellas.com
Email: smorellas@protonmail.com
Phone: +1 (612) 860-1488

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), ReactJs, HTML/CSS, Python, Git, Ubuntu, Kali Linux
Soft: Creativity, Problem-solving, Integrity, 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, Wordpress, Bilingual

---

Education

Bachelor of Science - Software Engineering
Iowa State University - Ames, IA
Aug 2016 - December 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

---

Projects

Warehouse Inventory Automation (*Web Application*) - Website

- A two-semester long project for my senior design capstone at Iowa State University
- Developed a full-stack MERN (MongoDB, Express, ReactJS, NodeJS) application for our warehouse inventory management system
- Created a simulated environment for a flying drone using open-source Webots robot platform to scan and send item barcode data to MongoDB server.
- Challenges included dynamically learning new things, adapting to COVID-19 restrictions on our project, collaborating in a fully remote environment with the team.

Cookbuddy (*Android Application*)

- A semester-long group project for my software development practices course at Iowa State University
- 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