

Jurgis Stepenka

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EDUCATION

Loyola Marymount University

Los Angeles, CA

Bachelor of Science Candidate, Computer Science; Minor: Statistics and Data Science; GPA: 3.38

May 2024

RELEVANT COURSEWORK

Computer Programming	Logic and Computer Design
Introduction to Probability and Statistics	Programming Laboratory
Algorithms	Computer Systems Organization
Data Structures	Languages and Automata I, II
Artificial Intelligence	Interaction Design
Operating Systems	Discrete Math
Game Design	Calculus I, II
Mobile Application Development	Linear Algebra

RELEVANT COURSE PROJECTS

- **MySampleSize:** Statistical calculation web app, aids pre-clinical researchers design statistically reproducible experiments. Became familiar with web app programming, Python flask and angularJS.
- **ElectricScript:** Acted as lead programmer in a group project where a JavaScript adjacent programming language was designed. Coded a compiler to produce JavaScript code from ElectricScript. Became familiar with how programming languages work at a lower-level, including concepts such as parsing and optimizing.
- **Ghost Buster:** Completed a Pac Man AI to track down and efficiently find ghosts in a maze. Utilized concepts such as inference and particle filters to report ghost locations to game agent.
- **Footble:** Figma project emphasizing front-end design of a Wordle inspired soccer web app. Applied knowledge about UI design in order to make an aesthetically pleasing and accessible design. Additionally, includes a detailed design process report rationalizing decision making.

SOFTWARE DEVELOPMENT EXPERIENCE

Tempest Technologies

Los Angeles, California

Software Developer

August 2023 – May 2024

- Tweaked backend routing in order to remove subscription service, making website more accessible.
- Eliminated reliance on user authentication to unlock all tools on web app to users such that logging in would not be a requirement to utilize site.
- Reworked PDF generation for user experiment reports, exchanging the Python library in use for another with less restrictive dependencies.
- Adapted rapidly to largescale project and made consistent progress presented to supervisor in weekly meetings.

VOLUNTEER EXPERIENCE

International School of London Qatar

Doha, Qatar

Event Coordinator

November 2019

- Coordinated a month-long fundraiser in school during November for men's mental and physical health.
- Collaborated with school staff to create dedicated spaces for an event display, as well as negotiating teacher participation to boost student involvement.
- Raised funds totaling \$300 to the Qatar Cancer Society.

South African Embassy

Doha, Qatar

Volunteer Worker

September 2018

- Facilitated venue set up in collaboration other volunteer workers.
- Generated sales through merchandise selling and assisting customers with donations.

CAMPUS ACTIVITIES & AWARDS

LMU Dean's List, 2023

SKILLS

Experienced in Java, Python, Flask, and AngularJS; Familiar with JavaScript and Swift; Bilingual in English and Spanish