Sandra Soto

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EDUCATION

B.S. Computer Science, University of California, Irvine Dec 2021

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C/C#/C++, Java, HTML/CSS, jQuery
Software & Frameworks: Node.js, Bootstrap, MongoDB, SQL, NoSQL, Flask, Ionic, Angular, Github

WORK HISTORY

Web Developer Intern, Live Good Oct 2021 – present | Irvine
- Implementing custom web pages with HTML, CSS and JavaScript and following theme/branding standards throughout the Live Good retail website
- Designing graphics for gift cards, Live Good Newsletter, and promotional company events
- Managing WordPress plugins and maintaining website dependencies

Computer Science Instructor, Juni Learning Jun 2021 – present | Remote
- Teaching Computer Science curriculum in Python, Java, and JavaScript to students ages 8-18
- Adapting to student needs and interests, as well as assessing understanding and skill level through the completion of modules and projects
- Maintaining records for multiple students and communicating with parents regularly

Fullstack Programmer Intern, Fugu Corp. Aug 2021 – Oct 2021 | Irvine
- Programmed in C#, ASP.NET and SQL to maintain and add features to various e-learning websites
- Architectured and implemented both frontend and backend for an administrator refund feature with Authorize.net API and PayPal API, which automated a previously manual process
- Implemented frontend changes with HTML, CSS,and Telerik and regularly performed blackbox testing on pages with heavy traffic
- Tracked project/bug tickets with Jira and wrote technical documentation with Confluence

PROJECTS

Riddle Me This! Oct 2020
- Utilized MEN stack, Socket.io, HTML/CSS, and jQuery to build multiplayer webgame with an avatar picker, game rooms, answer matching, and timed rounds
- Integrated collaborator's web-scraping module and processed riddle data to store hundreds of riddles in MongoDB Atlas with Mongoose.js

Reversi AI Jun 2020
- Created a C++ AI which utilizes recursive backtracking and gamestate decision trees to select the best outcome in a game of Othello/Reversi
- Placed third in a classwide tournament, playing 438 games total with a win rate of 94.1%

VOLUNTEER EXPERIENCE

WICS (Women in Information & Computer Sciences) Sep 2019 – 2021
- Worked with marketing team to design and promptly deliver digital graphics for club events
- Designed WICS '21 yearbook and WICS sponsorship deck viewed by dozens of industry professionals

AWARDS

Hack Davis 2021 - Best Pitch Sponsored by Contrary Jan 2021

UCLA's QWER Hacks 2021 - Entertainment Track Winner Jan 2021