Sandra Soto

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EDUCATION

B.S. Computer Science, University of California, Irvine   2022
Android Development, CodePath at UCI

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

Relevant Coursework: Requirements Analysis & Engineering, Intro To Data Management, Software Testing & Quality Assurance, Beyond SQL Data Management, User Interaction Software

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

Todo   Mar 2021
- Collaborated with teammates to design an Android productivity app and utilized Github for version control, sprint planning, and project management
- Utilized core Android concepts such as fragments, activities and viewpagers and developed virtual marketplace with ParseDB & ParseLive-Query to show CRUD operations happening in real time
- Implemented user-interface components and overall look and feel with XML and vector drawables, following material design guidelines for mobile applications

SleepTracker   Feb 2021
- Built a cross-platform mobile application with Ionic 4 to track a user's sleepiness over time
- Implemented backend code to represent logged user data based on the Stanford Sleepiness Scale
- Used HTML/CSS to create minimalistic data visualization and data logging components

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 – present
- Working with marketing team to design and promptly deliver digital graphics for club events

ZotHacks 2020 (UCI's Beginner Hackthon)   2020
- Mentored a team of 4 students creating a webapp in under 30 hours
- Provided debugging assistance and advice to other beginner hackers during the event

AWARDS

Hack Davis 2021 - Best Pitch Sponsored by Contrary   Jan 2021

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