fsmith4@uoregon.edu

Franklin Smith

Education

University of Oregon, 2019
B.S Computer Science

Software Skills

Python, C, Java, Swift, Git
JS/HTML/CSS, SQL DB

Experience

Fast Model Sports, Software Engineering Intern, June 2017 - Current

Created, supported, modified, and tested internal company web application. Application provided critical internal company information on carousel style dashboard to users.
Technologies Used: MySQL Workbench, Maven, Gradle, Postman, RESTful API procedures, AWS Environment, Google Auth, Localytics API, Tableau, JSON, Tomcat Apache Server, Jira, Jenkins CI server, Bit bucket, GitHub, Google visualizations library, HTML, Java 8, Javascript.

Snowpack, iOS App Developer, December 2016 - Current

Created and engineered all software for iOS application "Snowpack" in Swift, currently available on apple iTunes app store. The most user-friendly app that provides real time snowfall conditions, weather reports, and resort updates for skiers and snowboarders, for all U.S. resorts within seconds. https:// itunes.apple.com/us/app/snowpack/id1324334590?ls=1&mt=8

Allied Systems NW, Software and Web Development Intern, June - September 2016

Supported, created, modified, and tested html, python, and java script
language on designed projects for clients companies.
Desktop, server, network support, system installations, network installations, documentation, and customer relations.

Technical Projects

Sudoku Puzzle Solver

I created a sudoku solver in python. It uses simple backtracking algorithm to solve the puzzle. https:// github.com/fsmith503/ComputerScience/tree/master/Python-Sudoku-Solver-Project

Conway's Game Of Life

I created Conway's game of Life in python. My project is a cellular automaton style biological simulation. https://github.com/fsmith503/ComputerScience/blob/master/game_of_life.py

Academic Coursework

CS 314 Computer Organization, CS 313 Intermediate Data Structures, CS 212 Computer Science III,

CS 211 Computer Science II, CS 210 Computer Science I, CS 122 Intro to Programming and Problem Solving, Math 231 Elements of Discrete Mathematics I, Math 232 Elements of Discrete Mathematics II, Math 251 Calculus I