Dahlia La Pommeray

Orlando, FL | (407) 259-7601 | d.lapommeray@knights.ucf.edu | dahlialapommeray.com

EDUCATION

University of Central Florida   **Orlando, FL**
Bachelor of Science in Computer Science   *08/2021 – 05/2023*

University of Florida   **Gainesville, FL**
Bachelor of Science in Computer Science and Mathematics   *08/2019 – 05/2021*
- GPA: 3.98
- University Honor's Program
- Relevant Coursework: Introduction to Software Engineering, Computer Organization & Design, Discrete Structures, Data Structures & Algorithms, Engineering Statistics, Programming Fundamentals 1 & 2

TECHNICAL PROJECTS

Sickulator Disease Simulator
Python, Rust   *06/2021 – 08/2021*
- Utilized PyGame to create tile-based simulation and UI
- Created realistic city and community using Tiled for agents to have set routines
- Assisted in algorithm creation for schedule randomizer and pathing of agent's daily routines

Seasoned MERN Application
JavaScript, React, Node.JS, REST API   *09/2020 – 02/2021*
- Implemented user login authentication system with React hooks and states, Passport, and JWT
- Stored user and recipe data in MongoDB database with routers that GET and POST successfully
- Utilized Edamami API for recipe listings based on ingredients
- Designed minimalist user interface based on UX design principles

SFML Minesweeper Application
C++, SFML external library   *11/2019 – 12/2019*
- Utilized SFML external library to create UI with sprites that mimicked Minesweeper game
- Embedded recursive functions to reveal tiles and determine win/loss conditions
- Organized tile data in doubly linked lists and loaded consistent default test boards with given specified data

WORK EXPERIENCE

University of Florida   **Gainesville, FL**
Undergraduate Teaching Assistant | CEN3031 Software Engineering   *01/2021 – 05/2021*
- Led discussion labs once a week to teach students software engineering principles and full-stack development
- Assisted in the creation of assignments and case study lectures and hold office hours to aid students
- Managed the relationship between student teams and real clients, adapting projects based on the teams' abilities

Gymnastics USA   **Winter Garden, FL**
Recreational Gymnastics Coach   *07/2017 – 05/2019*
- Coached gymnastics at the preschool, intermediate and advanced level to children ages 5 to 15, providing proper spotting while maintaining an updated and expansive skill knowledge
- Reinvented Mommy & Me program to implement interactive activities to ensure maximum muscle memory of motor and gymnastics skills are taught

LEADERSHIP EXPERIENCE

UF Dancin' Gators   **Gainesville, FL**
Choreographer   *01/2020 – 05/2020*
- Created challenging and intensive choreography at the intermediate/advanced level for aspiring dancers

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, Python, R, Swift, HTML/CSS
Technologies & Frameworks: Express.JS, Bootstrap, Git, OOP, SQL, MongoDB