

Robert A. Holmes

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Objective

To obtain a professional position as a software engineer utilizing the technical and problem-solving skills I have acquired from a rigorous education, previous internship experience, and work on programming projects.

Education

Vanderbilt University, Nashville, TN | August 2017 – May 2021

Bachelor of Science in Computer Science and Political Science | Overall GPA: 3.0

Selected Coursework: Web System Architecture, Web System Project, Intermediate Software Design, Data Structures, Database Management Systems, Algorithms, Cyber Security, Computer Networks, Program and Project Management

Skills

Languages: JavaScript (ES6+), HTML, CSS, C++

Frameworks/Libraries: React.js, React Native, Node.js, Electron.js, jQuery

Tools: Git, AWS, Docker, Postman, Ubuntu, Visual Studio Code

Database: MySQL, MongoDB

Projects

LastMeal (Spring 2021) | React Native, Django, MongoDB, Expo, AWS EC2

- Designed and implemented the user interface and application flow for the frontend of a fully functional pantry management iOS application
- Worked with backend team to design and develop the application's API, which makes use of external APIs and NGINX caching for recipe information and dynamic image generation

RobCard (Fall 2020) | React.js, Node.js, MongoDB, AWS EC2

- Applied web development skills to create a single-page web application that allows users play klondike solitaire
- Developed the entirety of the frontend, API, and database using React.js, Node.js, and MongoDB respectively
- Deployed using Amazon Web Services EC2

Stardew Valley Bundle Companion (2020-21) | React.js, Electron.js

- Developed a desktop application to be used as a companion for the popular video game *Stardew Valley* that helps players track progress on a major in-game objective
- Used as an opportunity to explore the compatibility of UI design with React.js alongside Electron.js, a technology I had no prior experience with
- Releases published on GitHub

Experience

Millennium Physician Group, Fort Myers, Florida

IT Intern | Summer 2019

- Worked with Technology Innovation Services to ensure the preservation of a smooth daily experience for over 470 healthcare providers and their patients
- Tasks included imaging computers, patching security vulnerabilities on compromised systems, and deploying equipment to various office locations
- Fast-paced medical environment demanded little operational downtime and consistent performance under pressure