

JEREMIAH M. LEWIS

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EDUCATION

University of Houston

Houston, TX

Bachelor of Science in Computer Science, *Minor in Math*

May 2022

Relevant Coursework: Programming and Data Structures, Fundamentals of Software Engineering, Software Design, Software Development Practices, Discrete Mathematics, Cybersecurity

EXPERIENCE

University of Houston, Student Housing and Residential Life

Houston, TX

Resident Advisor

August 2020 - Present

- Utilize Microsoft Power Automate to automate the processes of submitting weekly interaction reports through Microsoft Forms
- Facilitate growth and development of relationships among 40 residents, and serve as a mentor for first-year students, and counsel and advise them on academic and personal concerns, while enforcing SHRL and University policy.

University of Houston, Office of Admissions, Orientation Team

Houston, TX

Marketing Director

November 2019 – August 2020

- Developed C++ program which generated the weekly schedule for small groups for 20 Orientation Leaders, considering their availability, partner pairs, and hours worked, decreasing output time from 1.5 hours to 10 minutes.
- Created multiple systems using Microsoft Power Automate to automate processes for the Office of Admissions, one of which assisted approximately 1,500 new students in receiving a Fee Deferment for orientation and reduced labor by aggregating inputted data into Microsoft Excel and automatically sending personalized emails using conditional logic.
- Designed and published creative content using Adobe Creative Suite to market the UH Orientation Team and the Office of Admissions through media such as Instagram, Twitter, and Facebook

University of Houston, College of Technology

Houston, TX

Lab Assistant

August 2019 – November 2019

- Maintained help desk by answering questions related to building directory, location of faculty offices, and campus-related questions and by resetting passwords using BMC Remedy, restocking printer paper, and reporting broken computers in the computer labs.

PROJECT EXPERIENCE

TriviaKing

December 2021

- Trivia web application where users can select a certain category and answer Trivia questions
- Helped implement backend using React, Node.js, Express and MySQL.
- Utilized CI/CD using TravisCI and Docker, hosted on Microsoft Azure.
- Designed and developed frontend using Bootstrap React and personalized assets using Adobe Photoshop

DVDDirectory

December 2020

- Created a web application which implements a catalog for a DVD vendor in which users can search, sort by genre, and view price of DVDs in stock
- Developed project using Python Django and PostgreSQL

SKILLS

- **Programming Languages:** C++, Python, Javascript, Visual Basic, HTML/CSS, SQL
- **Framework & Libraries:** Node.js, React, Express, Django, Bootstrap
- **Tools:** Git, Docker, Azure, Microsoft Power Automate
- **Additional:** Scrum, Kanban, JetBrains, Visual Studio
- **Spoken Languages:** Spanish (Upper-Intermediate Proficiency)