Ayden Townsley wants to work for you.

Contact

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Ayden Townsley

Junior Software Engineer

Hi! I am an incredibly bright and energetic programmer that brings clear communication, optimistic energy and diligence to the teams I am a part of. I have consistently focused on sharpening my skills in clean and efficient coding and testing, which I hope will be a great fit for this opportunity. I also think my very bright and sunny personality is a great culture fit.

Some highlights:

- Co-creating Rage Chess, an online multiplayer VR chess variation game for Oculus.
- Creating a clone of AirBnB using the MVC model
- Launched augmented reality filters on Instagram with thousands reached.
- Co-authoring a paper in the field of Computer Science

My strongest languages are C#, and Python. I am interested in web apps and VR so I am pursuing Ruby (on rails) and developing VR games in Unity. My resume provides additional information on my efforts to create fun and engaging content for users. Thank you for reviewing the contents of my application and for your consideration.

Sincerely,

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Social

aydentownsley.github.io

github.com/aydentownsley

twitter.com/whoziwhatzit_

Education

2021 - 2022
Certificate in Full Stack
Software Engineering

Holberton School • Tulsa, OK

Skills

C# / .NET
Python
Git / GitHub
HTML
CSS
Unity
Oculus SDK
Ruby [on Rails] (Basics)

Highlighted Projects

Rage Chess

Online Multiplayer VR Chess game. Built for Oculus with a team of fellow students.

Tools: Unity, C#, Photon Pun 2

AirBnB Clone

In this iteration of the project we are working on the console for the application. Adding new routes for elements of each listing.

Tools: Python, HTML

Unix Shell

A simple version of the bash shell. This project was more about thinking ahead and creating a strong program flow before starting to code.

Tools: C

Experience

Student, Full Stack | 2021 - Present
Holberton School • Tulsa, OK
Technologies: C#, Python, HTML, CSS, Git, Unity, Oculus, Various VR SDKs, Spark AR

Strengthened knowledge and application programming languages. Built technical and creative skills by coding for portable devices and full immersion experiences. Problem-solved complex coding problems. Followed strict quality assurance procedures to ensure product success.

- Co-created Rage Chess, a fully immersive multiplayer VR game
- Completed advanced curriculum problems in each semester
- Created MVC model website
- Worked with WebXR to create more accessible XR experiences

Freelance Videographer | 2019-2021
Roberson & Townsley • Tulsa, OK

Scripted brand stories. Shot footage on location, at live events and on sets. Developed a detailed project plan, hired video talent, sourced high-tech equipment, and met strict production deadlines. Met with key decision-makers to map out project scope.

- Crew for advertising spots on NYT Best Seller Relationship goals
- Cameraman for one of the largest Church Conferences in Oklahoma
- Captured Oklahoma Chapter Boy Scouts events honoring lifelong members

Videographer, Photographer, and Drone Pilot | 2018-2019
Chinowth & Cohen Realtors • Tulsa, OK

Piloted high end drone for aerial shots. Shot and edited footage in various settings and conditions to aid in the sale of multi-million dollar homes. Strategically planned video shoots and photography to properly showcase the homes and their amenities.

- Shot home tour for the most expensive home for sale in Tulsa (3226 E 62nd St) at $5.5 million.
- Produced videos for many multi-million dollar real estate agents to aid in sale of home, which generated tens of thousands of views
- Obtained Part 107 pilot's license for proper drone piloting and safety protocols.

Student and Research Assistant, Computer Science | 2016-2018
University of Tulsa • Tulsa, OK
Technologies: Javascript, Python, C, Assembly, Linux Systems

Acquired and applied knowledge of history and theory of computer science. Lots of practical experience learning the math behind most efficient algorithm cases. Coursework in several low and high level languages.

- Co-authored peer-reviewed paper, titled "Examining Collaboration among Student Teams relying on Web Applications to Coordinate Software Development"
- Contributed code and data to this multi-semester project
- Competed in Parallel Processing competition using Raspberry Pi computers.