

ASHER T. HAUN

~/computer_geek

contact

asher.haun01@utrgv.edu

education

UT Rio Grande Valley
Computer Science Major
Expected Graduation '26

UT Rio Grande Valley
Mathematics & Science
Academy '22

GPA 3.87/4.0
President's Honor List
MSA Research Scholar

Veritas Academy
Home-based cooperative
& professional instruction

portfolio

athaun.tech
github.com/athaun
linkedin.com/in/athaun

experience

TCU Research Apprentice | Volunteer. 2019-Present

Developing software models with the Computational Biology Department to simulate how the Influenza virus and SARS-CoV-2 virus spread through cellular tissue. Presented findings at the 2021 SIAM Conference on Computational Science and Engineering, and the TCU Student Research Symposium. Final paper is currently in review in the Journal of Theoretical Biology.

Full Stack Web Development | Paid. Summer 2022

Developed front and back-end websites using the MERN stack.

Azurite Game Engine Project Manager/Developer | Volunteer. 2020-Present

Managing an international team of ten high school and college students developing a 2D Java game engine. <https://azurite-engine.github.io>

A.S.H.E.R. | Paid and Volunteer. 2017-Present

Asher's Software Hardware Emergency Repair. Various computer hardware and software repairs, consultations, and technical services.

Coaching Assistant, Lutter Brazilian Jiu-Jitsu | Volunteer. 2019-Present

Assisting main coach in kids' class twice per week. Teaching 5-13 year old students new techniques in the martial art Brazilian Jiu-Jitsu.

C&C Landscaping | Paid. Summer 2020

Live Stream Videographer | Paid and Volunteer

Trinity United Methodist Church | Sept 2019, Jan 2020, Aug 2021

Sonlight Christian Enrichment Classes | May 2020, May 2021

St. Luke's Cumberland Presbyterian Church | Fall 2020

North Tarrant Teen Court | Volunteer. 2017-2019

Served as Grand Juror, Juror, and Attorney, respectively. Attended actual cases involving teens cited for minor criminal offenses. Juror: determined appropriate community service hours for each infraction. Attorney: formulated and argued cases as either prosecution or defense. (Closed early 2020 due to Covid.)

Team Policy Debate | Extracurricular. 2017-2019

Researched, presented, and debated Transportation Security Administration policies regarding privatization and regulatory procedure, as well as Federal regulations concerning homogenization and pasteurization of raw milk.

computer skills

- Java
- Python
- JavaScript/node
- C#
- C++
- HTML & CSS
- LaTeX Scripting Lang.
- Unity 3D
- Processing 3
- Processing.JS/p5.js
- Discord.js
- OpenGL/LWJGL
- Flask
- Node.js
- JQuery
- MERN Stack
- Basic Networking
- Arduino/electronics
- Eclipse and IntelliJ IDEs
- Git and GitHub
- Gradle
- Linux & BASH
- Web Design
- Web Development
- Minecraft Server Dev

certificates and courses

Completed

Udemy—The Python Bible (9 hours)

Udemy—Learn Level Design: Unity Basics, 4/22/20

Khan Academy—Advanced JavaScript: Games & Visualizations, 9/19

Khan Academy—Intro to JavaScript: Drawing and Animation, Completed 3/19

Khan Academy—Advanced JavaScript: Natural Simulations, (in progress)

Udemy—Web Design for Web Developers: Build Beautiful Websites, 1/11/18

Udemy—How to Program Games: Tile Classics in JS for HTML5 Canvas, 14 hours, 9/17/17

Udemy—Intro to Game Development with Unity, 3/23/17

Udemy—Code Your First Game: Arcade Classic in JS on Canvas, 3/6/17

Khan Academy—Hour of Webpages, 2017

Khan Academy—Hour of Drawing with Code, 2017

Advanced Robotics Using Pbasic Programming Language—2017-18

Robotics Using Pbasic Programming Language—2016-17

In progress

Udemy—The Complete Java Certification Course (32%/17.5 hours)

Udemy—The Web Developers Bootcamp (35%/47 hours)

Udemy—The Advanced Web Developer Bootcamp (1%/34 hours)

Udemy—Unity 3D concepts (20%/4 hours)

Udemy—How to Program Voxel-like Worlds with c# in Unity (11%/6.5 hours)

Learn C++ by Creating (32%/1.5 hours)