

ASHER T. HAUN

~/computer_geek

contact

asher.haun01@utrgv.edu

education

GPA 3.9/4.0

Computer Science Major

President's Honor List
MSA Research Scholar

UT Rio Grande Valley
Expected Graduation '24

UT Rio Grande Valley
Mathematics & Science
Academy '22

Veritas Academy
Home-based cooperative
& professional instruction

portfolio

athaun.tech

github.com/athaun

[linkedin.com/in/athaun](https://www.linkedin.com/in/athaun)

experience

TCU Research Apprentice | Volunteer. 2019-Present

Developing C++/Cuda models with the Physics and Astronomy 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. I have published my findings in the peer reviewed Journal of Theoretical Biology.

Full Stack Web Development | Paid. Summer 2022

Front and back-end development using Mongo, Express, Node and Bootstrap.

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

Managing an international team of 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/coaching 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.

Languages and skills

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

