Geralt Heart

1206 Roanoke Ct. College Station Tx | [geraltheart01@gmail.com](mailto:geraltheart01@gmail.com) | (956) 802-1359

GitHub: <https://github.com/GHeart01> | LinkedIn: <https://www.linkedin.com/in/geraltheart001/>

**Education**

* University of Colorado Boulder January 2025 – December 2026 (currently enrolled)

Master of Science in Computer Science

* Blinn College June 2024– Fall 2024

Associates of Science in Computer Science

* Member of the STAC club – Science Technology and Computing club
* University of Texas Rio Grande Valley (UTRGV) July 2017 – May 2020

Bachelors of Science in Applied Mathematics

* Member of the SPIE – The International Society for optics and photonics
* South Texas College August 2014 – May 2017

Associates of Science in Engineering

**Projects**

* MIMO Radar Imaging Study (2020) (MATLAB)
  + https://github.com/GHeart01/MIMOFourierSeriesProject

Capstone Project based on existing research using Fourier Series.

* Portfolio Website: [geraltheart.com](http://geraltheart.com/)
  + https://github.com/GHeart01/Website

HTML/CSS/JS – Utilizes emailJS client.

**Work Experience**

Mathematics Tutor South Texas College | Sept 2018 – June 2020

• Provided tutoring services in math and introductory programming courses.

Freelance Math Tutor | June 2020 – May 2024

• Tailored math tutoring sessions to individual student needs, focusing on areas such as calculus, algebra, and statistics.

**Skills**

• Programming Languages: Python, C, C++, C#, MySQL

* Frameworks/Libraries: NumPy, Pandas, pytorch

• Web Development: HTML, CSS, JavaScript

• Operating systems: MacOS, Windows, Linux (Raspberry Pi OS - RaspianOS, Ubuntu)

• Software Tools: Unity, Blender, R/Matlab, GitHub, Cloudflare, AWS amplify