Geralt Heart

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GitHub: github.com/GHeart01 | LinkedIn: 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

* University of Texas Rio Grande Valley (UTRGV) July 2017 – May 2020

Bachelor of Science in Applied Mathematics

* 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, Multi-Input Multi-Output (MIMO) analysis on radar systems. Project created using Matlab

* Portfolio Website: geraltheart.com
  + https://github.com/GHeart01/Website

A portfolio website created using HTML/CSS/JS – Utilizes emailJS client. Hosted with Cloudflare

**Work Experience**

Mathematics Tutor South Texas College | Sept 2018 – June 2020

• Provided tutoring services mathematics and Statistics 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#, R

* Frameworks/Libraries: NumPy, Pandas, Matplotlib

• Web Development: HTML, CSS, JavaScript, Cloudflare, AWS amplify

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

• Software Tools: GitHub, Git, VS Code, XCode