Geralt Heart

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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
  - 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