

# Brendan Blacklock

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## EDUCATION

**Texas Tech University**, Lubbock, Texas  
*Bachelor of Science in Computer Engineering*  
Minor in Mathematics

Graduation Date: December 2022  
**GPA: 3.892**

## EXPERIENCE & PROJECTS

### Personal Portfolio Website

*Developer*

August 2021

- Developed responsive portfolio website with HTML5, CSS3, and JavaScript without frameworks.
- Implemented various CSS3 animations for typing effect, curtain menu, and hover reactions.
- Programmed JavaScript functions to generate homepage background and hide HTML elements behind menu.

### FPGA Rover 5, ECE 3331 – Project Lab 1

*Team Member*

January – May 2021

- Maintained Gantt chart, budget, and project notebook to properly manage project while delivering weekly progress presentations.
- Designed and coded state-machines in Verilog for motor control, wall avoidance, and morse-code communication.
- Constructed, tested, and finalized circuits for overcurrent protection, wall avoidance, and the morse-code transmitter/receiver.

### Texas Tech – Department of Chemistry and Biochemistry, Lubbock, TX

*Student Assistant*

August 2018 – Present

- Analyzed, arranged, and inputted financial information into various TTU database systems and Microsoft Excel workbooks for departmental accountant.
- Facilitated support to departmental staff by handling a wide range of routine and special tasks such as Red Raider Orientation.
- Collaborated with departmental programming analyst to code HTML and CSS files for an internal shops billing application.

## INVOLVEMENT

### Eta Kappa Nu – Gamma Nu Chapter

*Treasurer*

July 2021 – Present

- Managed financial assets of organization and developed financial strategies for upcoming events.
- Communicated weekly with IEEE officers to discuss updates and potential events.
- Arranged and hosted tailgates in partnership with IEEE for Texas Tech Football home games.

## SKILLS

- **Technical Skills**
  - Strong Experience: Python, HTML5, CSS3, Verilog, Microsoft Office, GitHub
  - Moderate Experience: C++, JavaScript, Java, Git, Assembly Language
- **Honors/Awards**
  - Presidential Scholarship (2018 – 2022)
  - Chemistry Departmental Scholarship (2019 – 2022)
  - Electrical and Computer Engineering Departmental Scholarship (2021 – 2022)
  - President's List (x3)