

Dixanta Ghimire

4420 Hammerstein Blvd. | 940-595-4686 | dixantaghimire1@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Texas A&M University

B.S in Computer Engineering, Minors in Cybersecurity & Mathematics

College Station, Texas

May 2024

TECHNICAL SKILLS

Skills: C++, Python, JavaScript, HTML, CSS, Verilog, Assembly, React

SOFTWARE ENGINEERING APPLICATIONS

Front-End, Team Member | Aggie Marketplace

April 2022- May 2022

Single Page ECommerce Website

- Accompanied a development team that constructed a webpage framework.
- Communicated with team members on front-end integration.
- Implemented React components that enhanced UI functions of the webpage.
- **Technologies:** JavaScript, HTML, CSS

Single Cycle Processor

November 2022 - December 2022

ARMv8 processor with datapath

- Designed a single cycle processor with a control unit and data path that aided in converting instructions sent to the processor.
- Increased speed of processor by 15% through better arranged data paths.
- Continuously stored and converted instructions from memory and registers.
- **Technologies:** Verilog

Full-Stack, Lead Developer | FitChat

December 2022 - Present

Remote Chat Web Application

- Developed interactive community-driven web applications that included personal user profiles and real time messaging and notifications.
- Assembled front-end service that categorized users based on personal fitness goals.
- Administered access to web applications with user authentication application.
- **Technologies:** JavaScript, React, Node.js

LEADERSHIP EXPERIENCE

Aggie Coding Club

March 2022 - Present

Member, Project Developer

- Collaborated with other developers to implement a web page e-commerce service.
- Enhanced technical and professional skills through various workshops offered.
- Gained insight and perspective into various coding languages and career pathways within software development.

Sophomores Progressing in Excellence and Sustainability (SPIES)

September 2021 - May 2022

Member, Public Relations Committee

- Coordinated alongside 9 other members in the Public Relations committee to design merchandise and apparel for other members.
- Assisted in running various social media accounts, and contributed a stronger online presence to current and prospective members.
- Participated in sustainability service events, both on-campus and around the Bryan/College Station area.

RELEVANT COURSEWORK

Data Structures and Algorithms, Discrete Structures, Computer Systems, Introduction to Program Design and Concepts, Computer Architecture, Electrical Circuit Theory, Signals and Systems, Introduction to Digital Logic Design