

# Sidney Vu

281-903-0516 | [sidneyvu1@tamu.edu](mailto:sidneyvu1@tamu.edu) | [linkedin.com/in/sidney-vu](https://www.linkedin.com/in/sidney-vu) | [github.com/sidneyvu](https://github.com/sidneyvu) | [sidneyvu.com](https://sidneyvu.com)

## EDUCATION

---

### Texas A&M University

*General Engineering*

College Station, TX

Aug. 2024 – May 2028

### Shadow Creek High School

*High School Diploma*

Pearland, TX

Aug. 2020 – May 2024

## EXPERIENCE

---

### Student Technician

*Academic Operations at Texas A&M University*

Aug 2024 – Present

*College Station, TX*

- Assisted faculty, students, and general public with technical issues related to NetID, Duo, Microsoft 365, Zoom, and mobile communications
- Reimaged computers with the necessary applications for students in the College of Performance, Visualization, and Fine Arts
- Answered and updated tickets utilizing TeamDynamix regarding maintenance requests, setup assistance, or troubleshooting

### Volunteer

*Space Center Houston*

May 2024 – Present

*Houston, TX*

- Conducted educational tours for groups of 10 people and increased daily sales by 2% by advertising our merchandise
- Provided excellent service to around 100 individuals by maintaining knowledge about attraction locations, asking questions and keeping casual conversations to help them feel welcomed and engaged
- Greeted and guided guests with their questions at the entrance and around the center

### Teaching Assistant

*Christ the Incarnate Word Catholic Church*

Aug. 2021 – May 2022

*Houston, TX*

- Assisted teaching catechism to 30 students ages 7-8 every Sunday from 12:45 in the afternoon until 5:30 in the afternoon in preparation to receive first communion
- Ensuring 100% of the students graduated by conducting classroom instruction and preparing activities prior to class
- Observed and helped second grade students one-on-one to improve their knowledge

## PROJECTS

---

### Starting from the STEM | *Next.js/Vercel, Prisma, PostgreSQL, Javascript, Git, Clerk*

August 2024 – Present

- A full-stack web application designed to teach STEM from a ground up approach utilizing OpenAI as a personal tutor and various study techniques
- Utilized Prisma, Vercel, PostgreSQL, and Javascript to gather and store new user information from Clerk's user management into our Vercel database
- Collaborated with a backend team via Github and reported directly to our project manager on progress updates
- Utilized OpenAI to build and implement a personal tutor into our application

### Personal Portfolio Website | *HTML/CSS, Javascript, Next.js, Git*

June 2024 – Present

- Developed and deployed my own portfolio website that will be continuously updated utilizing HTML/CSS and Javascript
- Designed my own UI components using Next.js for a better user experience

## TECHNICAL SKILLS

---

**Languages:** Java, Python, SQL (Postgres), HTML/CSS, Git

**Frameworks:** Node.js, Flask, Tkinter, Prisma, Next.js

**Developer Tools:** VS Code, Visual Studio, PyCharm, AWS Cloud (Beginner), Eclipse, Google Colab, Jupyter Notebook, Vercel

**Libraries:** math, SymPy