

# Santana Gonzales

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## Education

**Texas A&M University** – College Station, Texas

B.S. Interdisciplinary Engineering, Class of May 2023

Minors: Computer Science, Math

Relevant Coursework: Computation Engineering, Software Design, Data Structures and Algorithms

Achievements: Recognized Scholar of the National Hispanic Scholarship Fund

## Relevant Skills

**Computer Software** – Google Suite, MS Suite, Adobe Photoshop, and Adobe Premiere

**Computer Hardware** – Construction, Troubleshooting, and Networking

**Programming Languages** – C++ and Python

## Work Experience

**Texas A&M Department of Engineering** – Undergraduate Researcher July 2021 – Present

- Assisted professors of computer science with research in data science and computer science education
- Designed software that could efficiently process large data sets and return an analysis for later use in academic writing

**Mathnasium** – Math Instructor

Nov. 2020 – Aug. 2021

- Tutored students in kindergarten through twelfth grade in basic math through calculus
- Overseen three students per hour, with an average of 12 students a day
- Maintained contact with parents to alert them of their child's needs and progress

**Home Depot** – Order Fulfillment Associate

Dec. 2018 – Aug. 2020

- Coordinated with a team to gather items throughout the superstore to complete various orders, often gaining \$15,000 to \$20,000 for the store in revenue each day
- Expedited order availability before deadlines to ensure timely availability

## Extracurricular Activities & Projects

**Aggie Hispanics in Computing Student Organization** – Officer / Treasurer

- Assisted in the managing organization assets
- Aided companies working with the organization
- Planned student events along with fellow organization officers

**Hacking for Defense** – Participated in DoD sponsored program

- Corresponded with the Army Applications Lab to create a tool for analyzing past project data and predicting future project success
- Frequently met with industry professionals and Army Application Lab's directors to get feedback on product plans and future solutions

**Aggies Invent: Facebook** – Texas A&M engineering competition in collaboration with Facebook

- Collaborated in a team to innovate and design new solutions to solve some of Facebook's most straining engineering feats