

# David Vasquez

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## Key Skills

### Programming Languages

- C++, Java, Python, PostgreSQL, HTML, CSS, JavaScript, ReactJS, JavaFX

### Operating Systems

- MacOS, Ubuntu and Windows systems

## Project-Based Skills

- Git and Github
- Waterfall and Agile developmental models
- Mathematical Modeling
- Teamwork
- Leadership

## Languages

### Fluent In:

- English
- Spanish

### Skilled In:

- Italian, speak and write with basic competence

## Objective

A diligent applied mathematics senior at Texas A&M University seeking a career in computer science. A logical and goal-oriented individual who is highly proficient in multiple disciplines including back-end/front-end development, distributed systems, and cybersecurity.

## Education

### Texas A&M University, College Station, TX 8/2018 - present

Bachelor of Science, Applied Mathematical Sciences, Computational Science Emphasis

**Minors:** Computer Science, Cybersecurity

**Expected Graduation:** May 2022

**GPA:** 3.188

### Lamar High School, Houston, TX 8/2015-5/2018

International Baccalaureate Student

**GPA:** 4.4 out 5.0 Graduated with Honors (top 10% of class)

## Awards

### Dean's Honor Roll, Texas A&M,

- 2021-2022 Fall Semester
- 2019-2020 Spring Semester

## Employment History

### Research Internship in Distributed Computing at Texas A&M, September 2020 – Present

- Utilized Apache Storm to develop an application to generate and calculate the moving average temperature streams
- Used both Apache Flink and Apache Storm to develop small stream processing applications such as window word counts and Twitter stream parsers

### AMC Theaters, 5/2019 – 8/2019, Crew Member

- Participated and assisted customers in concession and ticket sales

### Kroger, 5/2017 – 8/2017, Courtesy Clerk

- Provided customers with service as directed by store management

## Hobbies & Interests

### Google Developer Students Club at Texas A&M, Member

- Focus on current software development practices and applications to businesses

### Providing Smiles and Understanding Needs, Huddle Leader

- Officer in a non-profit organization that holds events for special needs children and their families in the College Station/ Bryan area

### Math Club at Texas A&M, Member

- Emphasis on mathematical applications and theories as presented by speakers and discussed during meetings

### Lamar High School Band, Houston, TX Member

- Trumpet player, participated in events such as UIL competitions in both marching and concert band, Veterans day parades for the city of Houston and weekly football games