

# Dylan Sloan

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## Education

### Texas A&M University

Aug. 2019 – May 2023 | College Station, TX  
**B.S. in Computer Science** & Minor in Business  
Cumulative GPA: 3.8 & **Major GPA: 4.0**

## Relevant Experience

### Computer Science Peer Teacher @ Texas A&M University

Aug. 2021 – Present | College Station, TX

- Host weekly office hours to assist Computer Science students.
- Sit in on weekly lab sessions for the Program Design & Concepts course to provide students with assistance when needed.

### Software Engineering Intern @ Dynata

June 2021 – Aug. 2021 | Remote

- Worked with Unified Fulfillment Services to develop and maintain a Fulfillment Reporting application to be used by the Finance team.
- Attended daily meetings with Senior Software Engineers & the Senior Director of Software Engineering to discuss UFS planning.

## Projects

### Dynata UFS Finance Reporting App (*Solo Professional*)

- Full Stack application to allow the Dynata Finance team the ability to generate Fulfillment Reports & perform Fulfillment Audits.
- **Frontend:** React, Material UI, React Testing Library, Jest.  
**Backend:** Java, Groovy, Spring Boot, Spock, Amazon Aurora (MySQL).

### Gesture – Hand Recognition Application (*Team*)

- Desktop application that allows the user the use of hand gestures to control certain applications and various operating system features.
- **Frontend:** React, Electron. **Backend:** Python, Flask, OpenCV, SQLite.

### Orion – Virus Protection Software (*Personal*)

- Desktop virus protection application that offers different scanning features, file backup options and a built-in password manager.
- **Frontend:** Python, PyQt5. **Backend:** Python, Flask, Yara, SQLite.

## Skills

### Programming Languages

C++, Java, Groovy, Python, JavaScript, HTML/CSS, SQL

### Libraries & Frameworks

React, Spring Boot, Flask, Material UI, Bootstrap

### Tools & Technologies

AWS, MySQL, SQLite, Git, Linux, Node.JS

## Awards

**Deans Honor Roll @ Texas A&M University**

Selected for the **Jeremy Kersh Scholarship** – Smith County A&M Club

### MVP & Team Captain

Bullard High School Tennis – 4 years

## Activities & Interest

Playing guitar, graphic design, biking, wakeboarding

### Hackathons

Participated in *HowdyHack 2020* & *TAUMHack 2021*

### Clubs & Organizations

Member of the *Aggie Coding Club* – August 2020

Member of the *Texas A&M Tennis club* – November 2020