

# Shawn Tan

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Seeking an internship in Software Engineering for Summer 2020.

## EDUCATION

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**Texas A&M University** - GPA: 3.21

College Station, TX

*BS in Computer Science, Minor in Business*

*Expected Grad Date: May 2021*

**Coursework:** Data Structure and Algorithms, Introduction to Program Design Concepts, Discrete Structures for Computing, Linear Algebra, Computer Organization, Foundations of Engineering I & II

## EXPERIENCE

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### Dwight Look College of Engineering

*Engineering Computation Lab I - Peer Teaching Assistant*

*January 2019 – Present*

- Helped teach Python and fundamental programming concepts to a class of up to 48 Engineering Honors students.
- Worked with professors and other TAs to teach basics of PyCharm, Anaconda, and computational problem-solving.
- Provided weekly tutoring sessions for students and graded labs and exams.

*Fundamentals of Engineering II - Peer Teaching Assistant*

*August 2018 – December 2018*

- Worked with professor within a teaching team to provide a learning environment for a class of 100 freshman students.
- Tutored freshman engineering students on MATLAB programming and its applications on engineering problems.
- Taught simple engineering concepts, including introductory topics from physics, chemistry, and the design process.
- Graded homework assignments and exams.

## PROJECTS

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### Champ Math Games

- Contributed to the development of an Android app that aids young children in their development of basic arithmetic skills (addition, subtraction, multiplication, division).
- Utilized Android Studio and Git to productively contribute to a team of three members.
- Utilized XML and Java to design the user-interface and logic of the subtraction game mode.

## SKILLS

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- **Proficient:** C++ | **Familiar:** Python, Java, XML, HTML/CSS | **Other:** LaTeX
- **Tools:** Android Studio, Git

## STUDENT ORGANIZATIONS AND ACTIVITIES

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- Aggie Coding Club *January 2018 – present*
- A&M Tennis Club *August 2017 – present*
- The Society of Asian Scientists and Engineers *September 2019 – present*
- Competitive Programming Competition, Texas A&M University *March 2019*