

# Ryan Son

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## EDUCATION

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

May 2023

*Bachelor of Science in Computer Science, Minor in Mathematics*

GPA: 3.61/4.00

**Relevant Coursework:** Computer Organization, Data Structures and Algorithms, Discrete Structures for Computing, Introduction to Computer Systems, Introduction to Program Design and Concepts, Linear Algebra, Programming Languages, Programming Studio

## TECHNICAL SKILLS

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### Languages and Tools

- Proficient: C++, LaTeX, Python
- Familiar: CSS, Django, Haskell, HTML, Git, Java, Javascript, SQL, Verilog

## EXPERIENCE

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**Software Engineering Intern**

Sterling, VA

CACI International Inc

June 2022 – August 2022

**Undergraduate Peer Teacher**

College Station, TX

Texas A&M College of Engineering

August 2021 – Present

- Taught and assisted over 80 general engineers in introductory **Python**
- Held weekly office hours and laboratory sessions in coordination with 2 other undergraduates
- Reviewed and graded student exams and assignments

## PROJECTS

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**POLX**

January 2022

- Winner of “Best Financial Hack” award at TAMUHack 2022
- Scrapes database of politician stock market trades using **Golang** and displays algorithmically predicted positions on **React.js** webapp

**Quizify**

September 2021

- Collaborated with a team of three during HowdyHack 2021 to create a quiz game that guesses songs from a user’s playlist
- Utilized **Django** framework with **SQL** databases to build web application grabbing from Spotify’s API

**Dating Simulator Game**

April 2018

- Created a dating simulator game using **Java** for implementation and **Swing** framework for GUI
- Developed progression with point-tracking system to offer players different endings based on flags raised

## ACHIEVEMENTS

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- Dean’s Honor Roll (Fall 2021)
- Distinguished Student (Spring 2021)
- Craig and Galen Brown Engineering Honors