

Ryan Son

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EDUCATION

Texas A&M University

Bachelor of Science in Computer Science, Minor in Mathematics

College Station, TX

Expected December 2023

- GPA: 3.69
- Dean's Honor Roll (Fall 2021)
- Distinguished Student (Spring 2021)
- Craig and Galen Brown Engineering Honors

EXPERIENCE

Software Engineer Intern

CACI International Inc

May 2022 – August 2022

Sterling, VA

- Developed front-end for proof-of-concept decentralized storage web app that interfaces with private IPFS nodes and internal blockchain using React.js
- Built back-end using Java on a Hyperledger Fabric blockchain & Express.js for IPFS uploading and retrieval
- Presented bi-weekly to senior software engineers and executive leadership
- Collaborated with 9 interns daily in an Agile development environment

Undergraduate Peer Teacher

Texas A&M College of Engineering

August 2021 – May 2022

College Station, TX

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

PROJECTS

TeamLab | *Flask, Heroku, JavaScript*

March 2022 – May 2022

- Collaborated with team of 4 to make full-stack web app to better schedule meetings and gauge productivity within organizations
- Sole front-end designer and developer utilizing vanilla HTML and CSS

POLX | *Google Cloud, Go, React.js, PostgreSQL*

January 2022

- Winner of "Best Financial Hack" Award at TAMUHack 2022 with team of 4
- React.js web app with Google Cloud hosted back-end created in Go that scrapes and analyzes database of politician stock market trades

Quizify | *Django, JavaScript*

September 2021

- Created song guessing quiz game with team of 3 during HowdyHack 2021
- Built on Django framework using SQL queries from Spotify API

Dating Simulator Game | *Java, Swing*

April 2018

- Built data simulator game using Java for back-end and Swing API for GUI
- Developed progression via point-tracking system to offer player different character endings based on flags raised

RELEVANT COURSEWORK

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|--------------------------------|------------------------------------|-------------------------|-------------------------|
| • Data Structures & Algorithms | • Introduction to Computer Systems | • Machine Learning | • Programming Studio |
| • Cloud Computing | • Cryptography | • Programming Languages | • Computer Organization |

TECHNICAL SKILLS

Languages: C++, CSS, HTML, Haskell, Java, JavaScript, Python

Frameworks & Tools: Express.js, Git, L^AT_EX, Node.js, React.js