

THOMAS HUANG

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github.com/thomashuang

Education

Bachelor of Science
Aug 2017 - May 2021
Freshman

- **University of Illinois at Urbana-Champaign**
Major - Computer Science, GPA - 3.9/4.0, James Scholar, College of Engineering Dean's List (x2)
Current coursework - CS 233 (Computer Architecture), CS 357 (Numerical Methods I)
Past coursework - CS 225 (Data Structures), CS 173 (Discrete Math), CS 126 (Software Design)

High School
Aug 2013 - May 2017
Graduated

- **Neuqua Valley High School - Naperville IL**
GPA - 4.6/4.0 - Summa Cum Laude, ACT - 36
US Presidential Scholar Candidate, National Merit Scholarship Finalist
2017 ILMEA All-State Honors Band, 2016 Golf Team MVP, 2015 Conference Golf Player of the Year

Experience

Caterpillar Inc
March 2018 - Present

- **Data Analytics Intern - Champaign IL / East Peoria IL**
Use Python, SQL, and Tableau to extract, analyze, and visualize time-series data from machines. Wrote reusable Python code to analyze migration of machines and impact on sales. Created Tableau Budgeting Dashboard to help management easily view monthly spending compared to allocated budget as well as year-to-date overviews. Presented projects to Caterpillar Earthmoving management, including the Chief Engineer.

University of Illinois
Jan 2017 - May 2017

- **CS 125 Course Assistant - Champaign IL**
Assist students with completing weekly MP's (machine problems) while simultaneously helping them to learn the underlying algorithms, data structures, and design choices involved. Guide students to write clean, efficient, and reusable code according to software design standards.

Skills

Programming Languages

- C++
Java
Python
C
Ruby

Technologies

- Git/Github
Tableau
SQL
Unix
Backend Web

Interests

Chess



Formula 1



Golf



Music



Open Source



Personal Statement

- As a highly-motivated student, I am seeking opportunities to apply my knowledge of computer science. With a combination of both technical and personal skills, I believe I would be a valuable addition to any team.