curriculum vitæ of
Alan Yao

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EDUCATION

Aug 2020 – Dec 2022	**B.S.** in Statistics and Computer Science	UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

GPA: 4.0/4.0, Graduating in two and a half years
Relevant Coursework: Data Science Discovery, Differential Equations, Discrete Structures, Software Design Studio, Statistics and Probability I

Aug 2016 – June 2020	Diploma	MISSION SAN JOSE HIGH SCHOOL

National Merit Finalist, National AP Scholar
SAT: 1580, SAT Math 2: 800, SAT Chemistry: 800
AP Calculus BC: 5, AP Chemistry: 5, AP Computer Science A: 5, AP Statistics: 5

EXPERIENCE

Jan 2021 – May 2021	Project Manager	CS 196 - INTRO TO COMPUTER SCIENCE HONORS

- Lead a group of students to complete a semester-long project.

Jan 2021 – May 2021	Course Assistant	CS 125 - INTRO TO COMPUTER SCIENCE

- Create interactive walkthroughs and videos for lesson content.
- Help students on homework problems during office hours.

May 2020 – Aug 2020	Fulfillment Center Associate	AMAZON FULFILLMENT CENTER

- Scan, pick, and batch items for delivery.

June 2018 – Aug 2018	Failure Analysis Intern	CEPTON, INC.

- Create an online database for inputting and storing failure analysis data.
- Optimize efficiency for data collection and analysis.

SKILLS

Programming: `Python`, `Java`, `Rust`, `C/C++`, `C#`, `Swift/SwiftUI`, `SQL`, `Bash`.
Web/Media: `HTML`, `CSS`, `Django`, `JavaScript`, `Photoshop`, `Illustrator`.
Analytics: `Python`, `SQL`, `JMP`

PUBLICATIONS

CONFERENCE AND JOURNAL PUBLICATIONS

1. Comparing Neural and Regression Models to Predict NBA Team Records. In *Fuzzy Systems and Data Mining V: Proceedings of FSDM 2019*.

2. Applying Statistical Modeling to Predict Basketball Winning Percentages. In *Fuzzy Systems and Data Mining IV: Proceedings of FSDM 2018*.

ORGANIZATIONS

Aug 2020 – Present	Member	ASSOCIATION FOR COMPUTING MACHINERY

Aug 2020 – Present	Member	GAMEBUILDERS