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

Key Courses: Data Science Discovery, Differential Equations, Discrete Structures, Introduction to Computer Science, 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 Macroeconomics: 5, AP Microeconomics: 5, AP Statistics: 5

EXPERIENCE

May 2020 – Aug 2020	Fulfillment Center Associate	AMAZON FULFILLMENT CENTER

- Scanned, picked, and batched items for delivery.

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

- Created a system for inputting failure analysis data into an online database and then inputted the data.
- Optimized efficiency for data collection and analysis.

SKILLS

Strong knowledge in `Java`, `Python`, `Rust`.
Working knowledge in `C++`, `C#`, `HTML`, `CSS`, `Javascript`, `Swift`, `Django`, `JMP`, `SQL`, `Bash`.

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