

curriculum vitae of  
Alan Yao

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☎ +1 720 710 7120    in [alan-yao-](#)    📁 [portfolio](#)

## EDUCATION

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Aug 2020 – Dec 2022	<b>B.S. in Statistics and Computer Science</b> GPA: 4.0/4.0 Relevant Coursework: Data Science Discovery, Differential Equations, Discrete Structures, Introduction to Computer Science, Software Design Studio, Statistics and Probability I	UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN
Aug 2016 – June 2020	Diploma 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	MISSION SAN JOSE HIGH SCHOOL

## EXPERIENCE

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May 2020 – Aug 2020	Fulfillment Center Associate <ul style="list-style-type: none"><li>Scanned, picked, and batched items for delivery.</li></ul>	AMAZON FULFILLMENT CENTER
June 2018 – Aug 2018	Failure Analysis Intern <ul style="list-style-type: none"><li>Created a system for inputting failure analysis data into an online database and then inputted the data.</li><li>Optimized efficiency for data collection and analysis.</li></ul>	CEPTON, INC.

## SKILLS

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

## PUBLICATIONS

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### CONFERENCE AND JOURNAL PUBLICATIONS

- Comparing Neural and Regression Models to Predict NBA Team Records. In *Fuzzy Systems and Data Mining V: Proceedings of FSDM 2019*.
- Applying Statistical Modeling to Predict Basketball Winning Percentages. In *Fuzzy Systems and Data Mining IV: Proceedings of FSDM 2018*.

## ORGANIZATIONS

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Aug 2020 – Present	Member	ASSOCIATION FOR COMPUTING MACHINERY
Aug 2020 – Present	Member	GAMEBUILDERS