

# Alan Yao

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

## EDUCATION

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Aug 2020 – Dec 2022	B.S. in Statistics and Computer Science GPA: 4.0/4.0, Dean's List. Relevant Coursework: Data Science Discovery, Discrete Structures, Fundamental Mathematics, Software Design Studio, Statistics and Probability I	UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN
Aug 2016 – June 2020	High School Diploma	MISSION SAN JOSE HIGH SCHOOL

## EXPERIENCE

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May 2021 – August 2021	Software Engineer Intern <ul style="list-style-type: none"><li>Used React and Redux for frontend UI changes.</li><li>Added Tealium data tracking to website.</li><li>Queried AWS Athena using serverless lambda function for migration to LeanIX.</li></ul>	INTUIT
Jan 2021 – May 2021	Course Assistant <ul style="list-style-type: none"><li>Helped students become better at problem-solving and coding during office hours.</li></ul>	CS 125 - INTRO TO COMPUTER SCIENCE
May 2020 – Aug 2020	Amazon Fulfillment Center Associate <ul style="list-style-type: none"><li>Scanned, picked, and batched items for delivery.</li></ul>	SUNNYVALE, CA
June 2018 – Aug 2018	Failure Analysis Intern <ul style="list-style-type: none"><li>Updated database for inputting and storing data from LiDAR products - optimized efficiency for data collection and analysis.</li><li>Analyzed failure data and identified key metrics for improvement.</li></ul>	CEPTON, INC.

## SKILLS

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JavaScript, Python, Java, Rust, C++, C#, Swift, SwiftUI, SQL, Bash, HTML, CSS, React, Redux, Tailwind, Node, Postgre, Express, Git, NextJS, Jest, Mocha, ThreeJS, JUnit, CMake, Vercel, Django, Photoshop, Illustrator, Unity, JMP, R

## PUBLICATIONS

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- Comparing Neural and Regression Models to Predict NBA Team Records. In *Fuzzy Systems and Data Mining V: Proceedings of FSDM 2019*.
  - Accepted to IEEE International Conference on Communications and Electronics 2020.
  - Presented findings at ASA's 2019 Joint Statistical Meetings.
- Applying Statistical Modeling to Predict Basketball Winning Percentages. In *Fuzzy Systems and Data Mining IV: Proceedings of FSDM 2018*.
  - First place poster presentation at IEOM Washington D.C. 2018.

## ORGANIZATIONS

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Aug 2020 – Present	Association for Computing Machinery, Member
Aug 2020 – Present	GameBuilders, Member
Jan 2019 – April 2020	American Statistical Association, Member