

Alan E. Yao

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EDUCATION

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

EXPERIENCE

May 2021 – August 2021	Software Engineer Intern <ul style="list-style-type: none">Used React and Redux for frontend UI changes.Added Tealium data tracking to open source website.Queried AWS Athena using serverless lambda function for migration to LeanIX.	INTUIT
Jan 2021 – May 2021	Course Assistant <ul style="list-style-type: none">Helped students become better at problem-solving and coding during office hours.	CS 125 - INTRO TO COMPUTER SCIENCE
June 2018 – Aug 2018	Failure analysis intern <ul style="list-style-type: none">Analyzed and presented findings on different LiDAR product failures.	CEPTON INC.

SKILLS

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, Django, Photoshop, Illustrator, Unity, JMP, R

PROJECTS

tactics.ninja	Open source chess analysis tool
alanyao.dev	Personal website

PUBLICATIONS

- 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.

ORGANIZATIONS

Aug 2021 – Present	Association for Quantitative Trading Education, Member
Aug 2020 – Present	Association for Computing Machinery, Member
Aug 2020 – Present	GameBuilders, Member
Jan 2019 – April 2020	American Statistical Association, Member