Max Yuan

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EDUCATION

YALE UNIVERSITY, NEW HAVEN, CT   Cumulative GPA: 4.0 / 4.0

B.S. Computer Science & Economics • Expected May 2024

Relevant Coursework: Data Structures, Intensive Algorithms, Systems Programming, Deep Learning, Linear Algebra, Discrete Mathematics, Microeconomics, Macroeconomics, Probability & Statistics, Mathematical Game Theory

PROFESSIONAL EXPERIENCE

Gatsby Events
San Francisco, CA
May 2021 - Present

Full-Stack Engineer
- Single-handedly developed a real-time chat system, robust csv importer, global support center, feature toggle architecture, weekly digest emails, and event referral links.
- Collaborated on our messaging center, marketing site, and proprietary UI component library
- Spearheaded our customer support effort by resolving bug/feature requests within hours to build a loyal reputation that brought in over 20 new customers and impressed existing ones

Full-Stack Engineer Intern
- Built 20+ novel features using TypeScript, MongoDB, and AWS S3, including Outlook email integration, Twilio SMS notifications, real-time document editing, and a new contact book

8VC
San Francisco, CA
May 2021 – Aug 2021

Fellow
- 1 of 35 fellows selected to engage with Palantir Co-Founder Joe Lonsdale and other founders across the 8VC network on a weekly basis for 10 weeks.
- Discussed how early stage startups scale in industries like deep tech, biotech, and consumer.

Yale University
New Haven, CT
Jan 2021 - May 2021

ML Research Assistant for Crockett Lab
- Utilized natural language processing and neural networks to develop a hate speech classifier to investigate how hate speech impacts minority group expression on Twitter.
- The classifier achieved an 86% accuracy and 0.71 F_1 Score on a test set of 100K+ tweets.

Golden Section Technology
Houston, TX
May 2020 - May 2021

Software and DevOps Engineer Intern
- Built a Business Intelligence dashboard to view performance, sales data for client projects.
- Implemented OpenID Connect Authentication in web and mobile apps for single sign-on.
- Used python and web APIs to fetch metric data from various software (AWS, New Relic, etc.).

TECHNICAL EXPERIENCE

Orpheus Pledge
New Haven, CT
Jan 2021 – May 2021

Full-Stack Engineer
- Built entire full-stack web app (MERN) for a 21-day, CBT-backed digital mindfulness platform.
- Program amassed 400+ downloads within the first week of launch.
- 1 of 15 ventures accepted to Yale's S21 Tsai CITY Accelerator. Student Catalyst Award Recipient.

Opus Product Studio
New Haven, CT
Dec 2020 – Present

Full-Stack Engineer
- Building viral and ~chaotic~ consumer web apps (MERN) to spark conversation and create joy.
- YPost engaged 3/4 of Yale undergrads with 12K+ virtual holiday postcards sent to each other.
- Ship had over half of Yale setting each other up for Valentine's day within 4 hours of launch.

Yale Computer Society
New Haven, CT
Sept 2019 - May 2021

CourseTable Co-Lead
- Collaborated with a 12 member team to rebuild and maintain CourseTable, an intuitive course discovery platform that processes 1.5M requests from 6K+ Yale students every semester.
- Led the development of the ReactJS front-end web application with 500+ commits.

Competitive Programming
Aug 2017 – May 2019

Contestant
- Qualified for Round 2 of Google Code Jam in 2018 and 2019 (top 4.5K of 60K+ contestants).
- Promoted to USACO (USA Computing Olympiad) Platinum, the highest division, in Feb 2018.

SKILLS & INTERESTS

Languages: (Proficient) C/C++, TypeScript, Python, HTML/CSS | (Familiar) Java, Swift, SQL, R
Libraries/Frameworks: (Proficient) ReactJS, Node.js, GraphQL | (Familiar) jQuery, Pandas, PyTorch, React Native
Technologies/Concepts: (Proficient) Git, AWS, REST API's, Mongo DB | (Familiar) Docker, CI/CD, Neural Nets

Miscellaneous Interests: Robotics, 3D Printing, Calisthenics, Sneakers