

Anthony Tao

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EDUCATION

Harvard University | Class of 2022

Cambridge, MA

A.B. Candidate in Computer Science, Secondary in Mathematics; GPA: 3.91/4.00

Relevant Coursework: Data Structures and Algorithms, Machine Learning, Natural Language Processing, Probability, Statistical Inference, Multivariable Calculus, Linear Algebra and Differential Equations

PROFESSIONAL EXPERIENCE

Amazon

Boston, MA

Software Development Engineer Intern

May 2021 – Aug. 2021

- Intern in Alexa Knowledge Acquisition team which seeks to expand Alexa's fact-based Q&A capacities using NLP and machine learning techniques
- Created web UI in React.js for developers to search and manage corpus of over 10 million Q&A pairs
- Engineered serverless AWS backend using Python and Java

Procter & Gamble

Cincinnati, OH

Summer Accelerator Intern

Jun. 2020 – Aug. 2020

- Led start-to-finish development of Hygienie, a smart bathroom solution to instill positive hygiene behaviors in young children, with 3 team members
- Primary architect of mobile game leveraging interactivity, progression, and rewards using React Native
- Contributed to development of companion web app in React.js and backend architecture in Django

Vaultima

New York, NY

Software Engineer

Jun. 2019 – Aug. 2019

- Primary engineer in the founding team of a fintech startup valued at \$2 million by Rough Draft Ventures
- Designed core backend and frontend architecture with React.js, Redux.js, and Flask

LEADERSHIP AND ACTIVITIES

Datamatch

Cambridge, MA

Algorithm Team

Oct. 2019 – May 2020

- Contributed to building a free matchmaking service serving 27 colleges and over 39,000 users
- Designed and implemented matching algorithms such as a modified Gale-Shapley deferred acceptance algorithm and linear program optimization to solve stable matching problem

Harvard Undergraduate Consulting on Business and the Environment

Cambridge, MA

Analyst

Feb. 2019 – May 2019

- Conducted research and analysis to evaluate electronic health infrastructure and the legal environment for data access in European healthcare markets
- Developed entry strategy for digital diagnostics platform for top 10 pharmaceutical company with over \$100 billion market cap

SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, Java, C, OCaml

Frameworks/Libraries: React/React Native, Flask, Django, PyTorch, SciKit-Learn, NumPy, Git