

George Crowne

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EDUCATION

Harvard University (Concentration GPA: 3.7) Cambridge, MA
B.A. in Applied Mathematics (Focus in Computer Science) • Secondary in Economics May 2023

WORK EXPERIENCE

Tinder (Matching/Recommendations Team) (#1 American dating app) Los Angeles, CA
Backend Software Engineering Intern June 2022 – Aug 2022

- Migrated 1 of 4 feature generating Flink jobs onto new aggregation service designed to reduce Elasticsearch CPU usage by at least 29% (*Java, Kafka, Flink, Grafana*)
- Onboarded conversation-based features onto Elasticsearch service intended to reduce machine learning model production latency by more than 5% (*Java, Elasticsearch*)

Opportunity Insights (Research institute led by Raj Chetty) Cambridge, MA
Research Assistant Jan 2022 – May 2022

- Proposed and built a method to automatically clean privatized Facebook user data resulting in over 5 million additional data points for a research paper published in *Nature* (R)

Geotab (Largest telematics vendor worldwide) Oakville, Ontario, Canada
Data Analyst Intern May 2021 – Aug 2021

- Identified inefficient road segments and traffic signals by querying datasets with over 100B data points for major North American Departments of Transportation such as Texas DoT (*SQL, Google Big Query*)
- Created a Tableau dashboard summarizing key characteristics for a selected region and date, providing faster and easier internal access to dynamic values

Harvard University, Department of Psychology (Lab led by Mahzarin Banaji) Cambridge, MA
Software Engineer Jan 2021 – May 2021

- Developed 3 cognitive tests that recorded and analyzed variance in response times and accuracy of facial categorization and recognition of over 500 participants (*MinnoJS JavaScript*)
- Contributed tests and test results to the *Inequality in America Initiative* and Harvard's *Project Implicit* under the guidance of Professor Mahzarin Banaji and Post-Doc Miao Qian

Powered by People (Wholesale platform for artisans in developing world) Toronto, Ontario, Canada
Product Management Intern Jan 2021 – May 2021

- Created 2 different payment options (net-60, pre-approved credit line) for the *FlexPay* product around various logistical and economical challenges
- Coordinated with engineering and finance teams (~15 employees) to develop integrated payment solutions for ~30 developing countries with minimal e-payment infrastructure

PROJECTS

Current Project: **Campus Event Planner** Dec 2021 - Present

- Created and built an event planning and promotion web-app *Django (Python), JavaScript, HTML, Figma*
- Implemented an interactive map feature using the *Mapbox* API

LEADERSHIP & COLLEGIATE ACTIVITIES

Men's Varsity Squash Team Cambridge, MA
Captain for 2022/2023 season Sept 2018 - Present

- Played on the 2019, 2020 & 2022 National Championship winning Harvard Men's Squash teams and achieved All-American status for the 2019/2020 season and First Team All-Ivy status for the 2021/2022 season
- 3-time Canadian National Junior Champion, Canadian Senior National Team Member

Deans' Student Advisory Panel Cambridge, MA
Junior Representative Sept 2019 - Present

- Chosen with ~40 other Harvard undergraduates to help provide the Harvard administration with important insights into the academic experience

TECHNICAL SKILLS: Python, Java, JavaScript, HTML, CSS, R, SQL, GitHub, C, MATLAB, Stata