Noah Covey

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EDUCATION

HARVARD UNIVERSITY   CAMBRIDGE, MA
APPLIED MATHEMATICS, STATISTICS, AND COMPUTER SCIENCE   SEP 2019-PRESENT
- A.B. expected in 2024; 4.00 GPA; Leave of absence Fall 2020-Spring 2021 due to pandemic
- John Harvard Scholar (top 5% of class); Coca-Cola Scholarship; National Merit Scholarship
- Select coursework: Algorithms and data structures, probability, systems, functional programming, data science, linear algebra

DUNWOODY HIGH SCHOOL   AUG 2015-MAY 2019
- 4.43 GPA; 1590 SAT; Governor's Honors Program in mathematics; Apple WWDC Scholar
- FIRST Robotics Competition – President and Co-Founder; Highest ranked rookie team in world

EXPERIENCE

JANE STREET   NEW YORK, NY
STRATEGY AND PRODUCT INTERN   MAY-AUG 2023
- Designed and implemented system using Jira and python to notify traders of high-valued dividend claims
- Analyzed 100GB+ of system data to identify and solve problems with foreign security positions and tender offer processes

MERCURY   SAN FRANCISCO, CA
SOFTWARE ENGINEER INTERN   MAY-AUG 2022
- Collaborated with Cards team to launch Mercury's first credit card to 80,000+ B2B banking customers
- Owned and built full stack tool to bulk-invite users from Google Workspace and bulk-issue them cards

CARRIERSOURCE   REMOTE
INTERIM CTO, LEAD SOFTWARE ENGINEER   SEP 2020-MAY 2022
- Scaled logistics startup from 0 to over 100,000 monthly visitors, navigated company through $1M seed round
- Engineered system to automate parsing and uploading of 15 million lines of FMCSA data per month
- Improved speed of 750,000-carrier search algorithm to under 3 seconds

PROJECTS & ACTIVITIES

HARVARD VENTURES, PRESIDENT   DEC 2021-PRESENT
- Leading club's efforts to promote entrepreneurship via VC events, founders podcast, educational lectures, and student accelerator
- In 2023 accelerator cohort, 5 of 7 teams launched or raised venture capital by end of program

APPLIED MATH TEACHING FELLOW   SEP 2021-PRESENT
- Assistant instructor in AM 22a (linear algebra and multivariate calculus) and AM 121 (linear programming)
- Teaching weekly sections on MATLAB and proof techniques, holding office hours, grading problem sets

50FIFTY (50FIFTY.US)   JUL 2018-JAN 2019
- Co-developed website that uses machine learning model to predict U.S. midterm elections in state legislatures and Congress
- Collected and analyzed data such as past election results and demographics to train model; achieved 90% accuracy in 2018

SKILLS & INTERESTS

- **Programming languages:** JavaScript, Python, C++, SQL, HTML/CSS, MATLAB, Haskell
- **Technologies:** Git, React.js, Node.js, numpy, GraphQL, relational databases, CI/CD
- **Music:** Classical pianist; WHRB (Harvard Radio) Jazz DJ; songwriting and performance for rock bands; self-taught guitarist
- **Languages:** Spanish (proficient), Portuguese (beginner)
- **Activities:** hiking and camping; tennis; board games; backpacking travel