

## ZACHARY STRASSER GOTTESMAN

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### education

2018-2022

**DARTMOUTH COLLEGE**, Hanover, New Hampshire

GPA: 3.94/4.00, Rufus Choate Scholar (top 5% of class)

- Double major in Computer Science and Quantitative Social Science modified with History
- Coursework includes Computer Science, Calculus, Psychology, and Economics
- President, Dartmouth Club Golf
- Staff writer, *Dartmouth Jack-O-Lantern* (college humor magazine)

2014-2018

**MERCER ISLAND HIGH SCHOOL**, Mercer Island, Washington

GPA: 3.99/4.00; SAT 1540

- Perfect Score, AP Macroeconomics Test (top 50 of ~200,000)
- Varsity Golf team captain 2017-2018; top 25 in state championships 2017, 2018

### experience

2019-present

**DATA ANALYTICS INTERNSHIP**, Hanover, New Hampshire

***Dartmouth Football***

- Assisted head coach in analyzing game statistics to reduce player injuries
- Analysis of kickoff data directly led to rule change proposal in Ivy League

summer 2019

**MACHINE LEARNING AND SOFTWARE ENGINEERING INTERNSHIP**, Bellevue, Washington

***Likewise***

- Early-stage recommendation software application, funded by Bill Gates
- Implemented clustering to create predictive recommender system and improve recommendations for new users
- Built end-to-end classification system to predict retention based on limited features

2017-2020

**RESEARCH INTERNSHIP**, Seattle, Washington

***Professor Erin Vernon, Seattle University***

- Co-authoring paper evaluating health awareness campaigns for academic publication
- Research Question: Are health awareness days cost-effective in adding value to disease prevention?
- Presented at Western Economic Association 94th Annual Conference in San Francisco, CA (2019)

2015-2016

**HILLARY FOR AMERICA**, Seattle, Washington

***Intern, Pacific Northwest Finance Director***

- Performed donor outreach and organized multiple fundraising events
- Wrote fundraising memoranda and significant figure bios

### interests

Golfing, trail running, Victorian English history, Beecher's Flagship Cheese