BRADEN MITCHELL FINEBERG
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With my Wharton Operations and Systems Engineering background, I have crafted a study path that enables me to build analytic decision models. My excitement for data comes from asking the question "now what?" and my drive comes from operationalizing those findings in a company. As an intern, I hope to make an impact by improving existing processes with data driven solutions.

EDUCATION

University of Pennsylvania **Philadelphia, PA**	M. Sc. Eng.: Data Science GPA: 3.8/4.0	Expected May, 2019
University of Pennsylvania **Philadelphia, PA**	B. Sc. Eng.: Systems Science and Engineering Minor: Mathematics, Engineering Entrepreneurship Selected Coursework: Advanced Decision Models, Probability, Statistics, Data Structures, Risk Modeling, Stochastic Modeling GPA: 3.5/4.0	Expected May, 2019
School for the Talented and Gifted **Dallas, TX**	GPA: 3.9/4.0 SAT: 2240, 780 Math/ 740 English 23 AP Courses with 60+ credit hours	With Honors, June 2015

EXPERIENCE (references available upon request)

Flourish Technologies – *Co-Founder, CEO, Product Strategist, Software Architect, Firefighter*   Austin, TX
- Developed analytic product tracking, develop product roadmaps, and synthesize feedback   May 2018 - Present
  - Architected the initial data flows for the MVP
  - Implemented design-thinking frameworks to leverage user feedback information
  - Designed a series of predictive financial models that underpin 42% of total company revenue

Tesla, Inc – *Data Science Intern, Energy Market Optimization*   San Francisco, CA
- Build algorithms and predictive models to optimize performance of commercial batteries   May 2018 – Aug 2018
  - Developed an algorithm selection engine that improved site performance by 8%-15%
  - Improved the baseline forecaster algorithm through increased pre-processing and dimensionality reduction
  - Built an error classification algorithm, boosting manufacturing yield to 96%+
  - Created a full stack prototype UI for a commercial product to be released in 2019

Matterport – *International Initiatives Intern, International Sales*   San Francisco, CA
- Assist teams with business development and strategy to spur international growth   May 2017 – May 2018

Sunlight Capital – *Market Analyst Intern*   San Francisco, CA
- Aided in deal sourcing, deal filtering, and transaction execution   January - March 2017

Valify, Inc. – *Business Analyst Intern*   Dallas, TX
- Analyzed industries and spending patterns common to hospital purchased-services   July - August 2016

LEADERSHIP EXPERIENCE AND ACTIVITIES

Wharton Risk Center – *Research Assistant*   2017–Present
Penn Lightweight Varsity Crew Team   2015-2017

HONORS

Dean's List	2015-2016
National AP Scholar	2015, 2014
National Merit Commended Scholar	2013

Programming Skills: Python, React Native, React JS, JAVA, OCAML, SML, MATLAB, Arduino, JavaScript, HTML/CSS, git
Interests: Business efficiency and optimization research, human decision systems, Spanish, Scuba Diving, Bartending