Aarushi Choudhary

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**EDUCATION**

## The University of Pennsylvania

***Jerome Fisher Program in Management and Technology***

August 2018 - May 2022 | GPA: 4.00

BS in Economics - *The Wharton School*

BSE in Computer and Information Science -

*School of Engineering and Applied Science*

## Stanton College Preparatory

August 2014 - May 2018 | GPA: 4.92

High School Diploma

International Baccalaureate Diploma

# COURSES

Programming - Algorithms and Data Structures

Programming - Fundamentals Mathematical Foundations of Computer Science

Crowdsourcing and Human Computation Introduction to Management

Writing Seminar in Communication

# AWARDS + HONORS

International Science and Engineering Fair Finalist

AIME (American Invitational Mathematics Examination) Qualifier (top 2.5% performer in national American Mathematics Competition)

National Merit Scholar (<1% of students taking the national PSAT exam)

# SKILLS

Programming: Java, Matlab, Python Public Speaking

Research

# EXTRA CURRICULAR INVOLVEMENTS

### Wharton Investment and Trading Group - Technology, Media, and Telecommunications Team

*Analyst, February 2019 - present*

### M&T Innovation Fund

*Committee Member + Education Chair, August 2018 - present* **Wharton Small Business Development Center (part-time job)** *Paid Consultant, January 2019 - present*

### Marketing Undergraduate Students Est. - Consulting Division

*Consultant, August 2018 - present*

# WORK EXPERIENCE

**Google Analytics - *M&T Innovation Fund***

*March 2019 - present*

Working with a healthcare software startup analyzing clinical decision support from electronic medical records

Using Google Analytics to explore healthcare startup's product user interaction, from immediately after login to remainder of application usage

**Stock pitch analysis - *Wharton Investment and Trading Group***

*March 2019 - present*

Working with team to write stock pitch for a software company

Includes doing industry analysis, revenue modeling, and forming investment thesis

**Profitability analysis - *Small Business Development Center***

*January 2019 - present*

Consulting project for a growing local Philly homebrewing company with 3 locations Conducting profitability analysis at the store and product levels to give insights and recommendations on their product and service segments

**Market segmentation and analysis - *Marketing Undergraduate Students Est.***

*January 2019 - present*

Project for Merck. & Co. - performing HPV vaccination market analysis Includes segmentation and need analysis, opportunity identification, and recommendations for promotional messaging to young adult age groups

# INDEPENDENT PROJECTS

### Independent research - mathematical + computational

*September 2016 - May 2017*

Conducted Matlab signal processing and data analysis on seizure EEG scans to detect pre-seizure patterns

Created research proposal, conducted background research, designed and conducted full computational analysis procedure

Work presented at ISEF (International Science and Engineering Fair) and at national Joint Mathematics Meeting Atlanta 2017

### Startup company - Ordyr

*Co-founder, June 2016 - January 2017*

Product - mobile app for city-wide in-restaurant ordering and paying

Conducted market research, created business model, hired new team members, designed and conducted testing of minimum viable product at Boston restaurant

### Competitive Math

*Individual participant and team member, 2012 - 2018*

Participated in various national + international competitions - American Mathematics Competition (AMC), American Invitational Mathematics Examination (AIME), Harvard- MIT Math Tournament (HMMT), Math Prize for Girls, MathWorks Math Modeling Challenge (M3)

4-year AIME qualifier (top 2.5% performer in national AMC)

M3 Challenge Honorable Mention (final national rank between 13-25)