

ANDREW CUI

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EDUCATION

University of Pennsylvania

Philadelphia PA

Jerome Fisher Program in Management & Technology – GPA: **3.66/4.00**

2020

- **Wharton School of Business:** B.S. Economics, intended concentrations in Statistics and Finance
- **School of Engineering and Applied Sciences:** B.S.E. Computer Science, intended minor in Data Science
- *Coursework:* Programming Languages/Techniques, Discrete Math, Probability Theory, Linear Algebra, Intro to Management
- *Current courses:* Data Structures/Algorithms, Statistical Inference, Corporate Finance, Computing in R, Macroeconomics
- *Activities:* Wharton Digital Health Club (analytics consultant), Wharton Investment/Trading Group, Penn Data Science Group

Brighton High School

Rochester NY

GPA: **3.99** – SAT: **2360** – ACT: **36**

2016

- National Merit Scholar, Presidential Scholar Candidate, National AP Scholar, 4x American Invitational Math Exam qualifier

EXPERIENCE

Capital One

McLean VA

Product Management and Analytics - Business Analyst Intern

Jun 2017 – Aug 2017

- Investigated income data source as a variable to improve underwriting for the Proactive Credit Line Increase team
- Cleaned through large datasets (**161MM+** rows) in **SQL**, analyzed correlations between customer behavior and income data collection channel in **Excel** with pivot tables, created data visualizations, normalizing for FICO and risk model scores
- Advised using an opt-in program to gauge interest for customers in the income channel with utilization typically over-predicted
- Received an offer to **return as an intern** in Summer 2018; advanced consideration for full-time roles in 2020

MUSE Consulting Group

Philadelphia PA

Consultant

Jan 2017 – Present

- Member of a team that researched feasibility of digital drug representation platforms for a Fortune 100 pharmaceutical
- Performed industry research, SWOT analysis, and M&A fit framework to determine advantages of potential options

Student Federal Credit Union

Philadelphia PA

Assistant Director of Member Services, Operations Leadership Team

Sep 2016 – Present

- Address member issues for a **\$7MM AUM** student-run credit union, such as initiating and depositing wires, VISA debit cards
- Manage and file fraud cases and process end-of-month fees; train and assist new Member Services Representatives

PROJECTS

Kaggle: Titanic survival predictions

[GitHub Repository](#)

Python - pandas, numpy, matplotlib

Jul 2017 – Aug 2017

- Analyzed dataset of passengers, created a model that used residuals of survival chance relative to average for five variables
- Correctly classified **76.08%** of 418 test entries without overfitting (training set accuracy: 79.10%)

SKILLS, INTERESTS, ACTIVITIES/OTHER

- **Programming languages:** SQL (intermediate), Java, Python (data analytics), HTML 5/CSS3 (intermediate), R (learning)
- **Technology:** Excel (Pivot tables), PowerPoint, Adobe InDesign, Bootstrap 4, GitHub/Git
- **Other interests:** Data analytics, graphic design, cryptocurrency, poker, distance running, photography, piano, web-dev
- **AQR Capital Management**, Early Engagement Day Attendee (Aug 2017)