

# ANDREW CUI

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## EDUCATION

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### University of Pennsylvania

Philadelphia, PA

Jerome Fisher Program in Management & Technology, Cumulative GPA: **3.7** (3.66/4.00)

2016 - 2020

- **B.S. Economics:** Concentrations in Finance, Statistics, and Operations Mgmt./Management Science
- **B.S.E. (Engineering), Computer Science,** Minor in Mathematics

Coursework: Probability Theory, Math Foundations of Computer Sci., Programming Languages/Tech., Linear Algebra and Differential Equations, Intermediate Microeconomics, Introduction to Management, Leadership/Communication in Groups

### Brighton High School

Rochester, NY

GPA: 3.99 • SAT: 2360 • ACT: 36

2012 - 2016

- National Merit Scholar, Presidential Scholar Candidate, 2x National AP Scholar, 16 AP exams, avg. score 4.81
- **4x** American Invitational Mathematics Examination qualifier, 2x Chemistry Olympiad school nominee

## EXPERIENCE

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### Capital One Financial

McLean, VA

Business Analyst Intern - Product Management & Analytics

06/17 - 08/17

- Analyzing correlations between the source of customer income data and the customer behavior, credit performance, and profitability after giving Capital One customers credit line increases
- Use **Teradata SQL** to extract and clean data for analysis, processing tables as large as **12MM rows** regularly
- Run model predictions and compare to actual customer data using SASEG and SQL
- Visualize analysis using Excel and PowerPoint, present in check-in meetings with analysts and senior managers

### Student Federal Credit Union (SFCU)

Philadelphia, PA

Assistant Director of Member Services, Operations/Human Resources Committee Member

09/16 - present

- Interact with members of a **\$7MM AUM** student-run credit union and resolve account issues in member services
- Create and close accounts, set up online banking and VISA debit cards through HomeCU/eSTAR portals, process wire transfers, address member issues such as card limits, information changes, and adding joint owners
- **Fall 2017:** As Assistant Director of Mbr. Services and one of 8 members of Operations Leadership, will resolve VISA card fraud cases, charge end-of-month fees, and address member service issues such as fee disputes

### Marketing Undergraduate Students Establishment Consulting (MUSE)

Philadelphia, PA

Consultant

01/17 - present

- Consulted in a team of five for a **Fortune 100** pharmaceutical on e-detailing marketing tactics and platforms
- Compared ~10 options using **SWOT** analysis, advised a subscription/joint venture using a **M&A fit framework**

## SKILLS, ORGANIZATIONS & INTERESTS

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- **Skills:** SQL (Teradata), Excel (Pivot tables), Java, Python, PowerPoint, HTML/CSS/Bootstrap, OCaml, InDesign
- **Organizations:** Wharton Undergraduate FinTech Group, MUSE Consulting, Student Federal Credit Union, Penn Data Science Group, Wharton Neuroscience Initiative (Treasurer)
- **Interests:** Data science, quantitative finance, fintech, machine learning, front-end development (*created website at [andrewcui.com](http://andrewcui.com)*), graphic design, running (*twice ran 300+ miles in 10 weeks*), photography, positive psychology