

# Bharath Jaladi

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## Academics:

### University of Pennsylvania, Philadelphia, PA

Aug. 2016 to Present

- Jerome Fisher Program in Management and Technology (M&T) | Expected Graduation Date: **May 2020**
- GPA: **3.98** | **University Dean's List** for 2016-19 | **Wharton School Dean's List** for 2016-19 | **E. Stuart Eichert, Jr. Memorial Prize** for 2019
- Bachelor of Science in Engineering (Computer Science)** from Penn Engineering
- Bachelor of Science in Economics (Concentration in Statistics)** from the Wharton School
- Master of Science in Engineering (Computer Science, GPA: 4.00, Dec. 2020), Minors in Mathematics, Data Science, & South Asia Studies**
- M&T Innovation Fund:** Co-Head, Past: Value Creation Team (2016-Present) | **M&T Student Board:** Professional Committee (2016-18)
- Relevant Coursework:** Mathematical Foundations of Computer Science; Data Structures & Algorithms; Computer Systems; Algorithms; Software Design; Algorithmic Game Theory; Randomized Algorithms; Operating Systems; Management; Probability; Statistical Inference; Corporate Finance; Managerial Economics; Monetary Economics; Management of Technology; Machine Learning; Probability Models in Marketing; Computer Architecture; Strategic Cost Analysis; Artificial Intelligence; Big Data Analytics; Scalable & Cloud Computing

### Program in Algorithmic and Computational Thinking 2017, Princeton University, Princeton, NJ

June 2017 to July 2017

I studied graduate-level randomized and approximation algorithms and different models of computation with 17 students from across the world. I also mentored, guest lectured, and prepared exams for high school students studying the equivalent of CIS 160 (cis160.com).

### West Windsor-Plainsboro High School South, West Windsor, NJ

Sep. 2012 to June 2016

- Weighted GPA: **4.75** SAT: **2400** SAT II Mathematics Level 2: **800** SAT II Chemistry: **800** SAT II Physics: **800**
- National Merit Scholarship Winner, Presidential Scholar Candidate, National AP Scholar, National and Math Honors Societies**
- 2014 AMC 10A:** Scored **145.5/150** (tied for 43<sup>rd</sup> out of 62,487 students in world), **Gold Medalist, Distinguished Honor Roll**
- Studied **MAT215 – Honors Analysis in a Single Variable** in the 2015-16 fall semester at Princeton University.

**Skills:** Proficient: **Java, LaTeX, Python, JavaScript, HTML/CSS** | Intermediate: **Hack/PHP, C, OCaml, Bootstrap 4, R, DynamoDB, S3, MATLAB** | Learning: **C++, React, React Native, Expo, SQL, MongoDB, Android, jQuery, Verilog**

## Work Experience:

### Head Teaching Assistant, MCIT 595 Online, Philadelphia, PA

Aug. 2019 to Present (10-15 hours/week)

MCIT 595 Online is a Master's course in Computer Systems Programming. My role includes managing grading, including assigning grading to TAs and graders, performing quality checks, and handling regrades. I also am responsible for managing the discussion forum, working with the Course Manager to resolve any issues or make revisions to the course, holding weekly office hours and recitations, and more.

### Trading Intern, Citadel Securities, New York, NY

June 2019 to Aug. 2019 (50 hours/week)

I worked on both the Semi-Systematic Equity Options Market Making and Fixed Income Exchange-Traded Fund teams. My role included multiple analysis projects, shadowing traders, and a rigorous daily education program. Currently a Citadel Campus Ambassador for Penn.

### Course Design Assistant, MCIT 595 Online, Philadelphia, PA

Dec. 2018 to Aug. 2019 (5-12 hours/week)

MCIT 595 Online is a Master's course in Computer Systems Programming. My role includes reviewing, editing, and creating course material such as lecture video scripts, in-video questions, quizzes, and more.

### Teaching Assistant, CIS 320, Philadelphia, PA

Jan. 2019 to May 2019 (5-12 hours/week)

CIS 320 is Introduction to Algorithms. During the school year, my duties as TA include holding office hours, grading homeworks and exams, reviewing solutions for homework assignments, determining rubrics for grading, and answering student questions online.

### Software Engineer Intern, Facebook, Menlo Park, CA

May 2018 to Aug. 2018 (40 hours/week)

I worked on the Profile team, specifically on FBLite – the lightweight version of the Facebook app that is used all over the world, especially in developing countries and on feature phones, by nearly 400 million people monthly. I revamped the way in which people add profile frames, update profile pictures, and change cover photos, and implemented temporary profile picture functionality.

### Teaching Assistant, CIS 160, Philadelphia, PA

Jan. 2017 to May 2018 (14-20 hours/week)

CIS 160 is Mathematical Foundations of Computer Science (cis160.com). During the school year, my duties as TA included holding office hours, teaching recitation, grading, writing homework solutions, determining rubrics for grading, and answering student questions online.

## Selected Project Experience:

### Built mybook (a lite version of Facebook)

- Implemented a fully functional Messenger with group chats, message history, search, and a lite version of the Facebook platform with friends, friend requests, status updates, profiles, posting, online friends, a friendship visualizer, secure log in, account creation, and more.

### Built Pennslist (a marketplace similar to Craigslist, but designed specifically for Penn students)

- Built Pennslist with a team of three friends using JavaScript, Express, React, MongoDB and more for University of Pennsylvania students to advertise events, housing, goods, etc. Implemented personalized UI, favoriting, searching, filtering, posting pictures, and more.

### Designed and built Penn Course Swap: [www.penncourseswap.com](http://www.penncourseswap.com)

- Built a tool using JavaScript, Express, React, MongoDB, and more for University of Pennsylvania students to trade courses.
- Users can login securely with their Penn email address, request to swap courses, and check back later to see if they have a match.

### Designed and prototyped Solar Blinds – smartphone-controlled blinds that harness solar energy

- Director's Choice Award at the 2015 Management & Technology Summer Institute at Penn