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 2016-18 | **Wharton School Dean's List** for 2016-18 | **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**, Expected: 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; Introduction to Computer Systems; Introduction to Algorithms; Software Design/Engineering; Algorithmic Game Theory; Randomized Algorithms; Operating Systems; JavaScript; Leadership & Communication in Groups; Introduction to Management; Probability; Statistical Inference; Corporate Finance; Managerial Economics; Monetary Economics and the Global Economy; Management of Technology

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 learned about different models of computation from leading faculty and PhD candidates with 17 computer science students from across the world. I gave a lecture on the probabilistic method focused on sum-free sets to, prepared exams for, and mentored 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**
- **Math Competitions: 2016 AMC 12B:** Scored **121.5/150** (98.73 percentile among 12th graders), AIME Qualifier, Scored **5 on AIME**
  2015 AMC 12B: Scored **123.0/150** (99.08 percentile among 11th graders), AIME Qualifier, Scored **7 on AIME**
  2014 AMC 10A: Scored **145.5/150** (tied for 43rd out of 62,487 students in world), **Gold Medalist**, AIME Qualifier, Scored **5 on AIME**
  PUMaC 2014: 4th Place **Team, B-Division**; **PUMaC 2013: 8th** Place **Team, Power Round** and **10th** Place **Team, B-Division**
  ARML 2014: 1st Place **Team, B-Division**; **ARML 2013: 9th** Place **Team, B-Division**

Princeton University, Princeton, NJ

- Studied **MAT215 – Honors Analysis in a Single Variable** in the 2015-16 fall semester at Princeton University.

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

Work Experience:

Course Design Assistant, MCIT 595 Online, Philadelphia, PA **Dec. 2018 to Present (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 Present (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 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 and sell services, events, housing, and goods with categories such as Free & For Sale, Housing, and more
- Implemented secure log in, personalized UI, favoriting, searching, filtering (by price, title, and more), posting pictures and information

Designed and built Penn Course Swap: 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 up to three courses they are enrolled in for other courses they want, and check back later to see if they have a match – a student who is looking to make the opposite swap as them

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

- Director's Choice Award at the 2015 Management & Technology Summer Institute at Penn
- Made sure that the motors we incorporated could raise/lower the demo blinds, change the angle of the slats, and increase/decrease the distance between slats via control from an Android phone and Arduino