

EDUCATION

May 2020	Carnegie Mellon University , <i>B.S Computer Science</i>	QPA 3.78/4.0 (<i>Deans List</i>)
Fall 2016	Data Structures and Algorithms 3D Calculus Mathematical Foundations of Computer Science	
Spring 2017	Functional Programming Linear Algebra Great Theoretical Ideas in Computer Science	
Fall 2017	Parallel and Sequential Data Structures and Algorithms Mobile Robot Programming	
Spring 2018	Introduction to Computer Systems Complexity Theory	

EXPERIENCE

Summer 2018	Software Engineering Intern , <i>Bungie, Bellevue</i>	<ul style="list-style-type: none"> • Authored several tools to optimize inventory systems (not yet announced) for Destiny 2. • Took charge of the project from design and prototyping to implementation and testing.
Fall 17, 18	Teaching Assistant , <i>Carnegie Mellon University, Pittsburgh</i>	15-151: Mathematical Foundations of Computer Science <ul style="list-style-type: none"> • Guide incoming freshman through the wonderful world of discrete mathematics and support them as they struggle with sets, functions, combinatorics, probability, modular arithmetic, and proof writing.
Spring 17, 18	15-110: Principles of Computing	<ul style="list-style-type: none"> • Introduced non-majors to the world of Computer Science and programming using Python.
Summer 2017	Instructor , <i>CAMPK12, Mumbai</i>	<ul style="list-style-type: none"> • Led several camps for middle school children and introduced them to Android development using the MIT Application Inventor platform and web development using HTML/CSS and helped develop a game-based curriculum for more effective learning.
Summer 2016	iOS Development Intern , <i>Fusion Engineering, Mumbai</i>	<ul style="list-style-type: none"> • Prototyped a location journaling iOS application with Swift and tested various location tracking technologies in order to make the application both power and resource efficient. <p>https://visits.app</p>

PROJECTS

Nov. 2014 – Present	E-Collect	<ul style="list-style-type: none"> • Established a non-profit to collect local electronic waste and to ensure its safe disposal. • Created a website and used flyers and social media to spread the initiative across Mumbai. • Partnered with an NGO, E-Incarnation, and have successfully recycled over a ton of toxic material. <p>http://www.ecollectmumbai.com</p>
Sept. 2016	BOB'S Ramen , HackCMU 2016	Winner, Microsoft Mentor's Choice Award <ul style="list-style-type: none"> • Collaborated with a team to build an Internet connected automated Ramen cooker in 24 hours. • Designed and developed an iOS application to control the device. • Built the main device with a Wi-Fi enabled microcontroller, cardboard and duct tape. <p>https://github.com/vidhartbhatia/BOBS-ramen</p>

HONORS AND AWARDS

2015	Represented India at the London International Youth Science Forum, <i>Imperial College, London</i>
2014	9th State Rank , International Informatics Olympiad (Java)

LANGUAGES AND TECHNOLOGY

C++, Java, C, Python, SML, Swift, MATLAB, HTML+CSS, JavaScript
 Arduino, WordPress, Unity3D, XCode