

EDUCATION

May 2020	Carnegie Mellon University , <i>B.S Computer Science</i>	QPA 3.78 /4.0 (<i>Deans List</i>)
Interesting Courses	Functional Programming Parallel and Sequential Data Structures and Algorithms Mobile Robot Programming Complexity Theory Distributed Systems VR/AR Game Design	

EXPERIENCE

Summer 2018	Software Engineering Intern , <i>Bungie, Bellevue</i>	<ul style="list-style-type: none"> • Authored several tools to allow for new item categorization features in Destiny 2. • Shipped bug fixes to millions of players.
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 with 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 on the MIT Application Inventor platform • 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 in Swift. • Tested various location tracking technologies to make the application power and resource efficient. https://visits.app

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. http://www.ecollectmumbai.com
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. https://github.com/vidhartbhatia/BOBS-ramen

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