

## EDUCATION

May 2020	<b>Carnegie Mellon University</b> , <i>B.S Computer Science</i>	QPA <b>3.66/4.0</b> ( <i>Deans List F16</i> )
Fall 2016	Principles of Imperative Computation   3D Calculus   Mathematic 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 Laboratory	

## EXPERIENCE

	<b>Teaching Assistant, Carnegie Mellon University, Pittsburgh</b>
Fall 2017	<b>15-151: Mathematical Foundations of Computer Science</b> <ul style="list-style-type: none"><li>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.</li></ul>
Spring 2017	<b>15-110: Principles of Computing</b> <ul style="list-style-type: none"><li>Introduced non-majors to the world of Computer Science and programming using Python.</li></ul>
Summer 2017	<b>Instructor, CampK12, Mumbai</b> <ul style="list-style-type: none"><li>Led several camps for middle school children and introduced them to Android development using the MIT Application Inventor platform.</li><li>Taught fundamentals of web development using HTML/CSS.</li></ul>
Summer 2016	<b>iOS Development Intern, Fusion Engineering, Mumbai</b> <ul style="list-style-type: none"><li>Prototyped a location journaling iOS application to help professionals with time management.</li><li>Worked with Swift and tested various location tracking technologies in order to make the application both power and resource efficient.</li></ul>
2015	<b>Head of Information Technology, Cathedral Model United Nations, Mumbai</b> <ul style="list-style-type: none"><li>Presided over all technology related work and developed the website for that year.</li><li>Developed a web hosted database using PHP and WordPress to streamline the registration process.</li></ul>

## PROJECTS

Nov. 2014 – Present	<b>E-Collect</b> <ul style="list-style-type: none"><li>Established an initiative to collect local electronic waste and to ensure its safe disposal.</li><li>Created a website and used flyers and social media to spread the initiative across Mumbai.</li><li>Partnered with an NGO, E-Incarnation, for use of their waste recycling facilities.</li><li>Have Recycled over 1000 kilograms of toxic electronic waste.</li></ul> <a href="http://www.ecollectmumbai.com">http://www.ecollectmumbai.com</a>
Sept. 2016	<b>BOB'S Ramen, HackCMU 2016</b> <b>Winner, Microsoft Mentor's Choice Award</b> <ul style="list-style-type: none"><li>Collaborated with a team to build an Internet connected automated Ramen cooker in 24 hours.</li><li>Designed and developed an iOS application to control the device.</li><li>Built the main device with a Wi-Fi enable microcontroller, cardboard and duct tape.</li></ul> <a href="https://github.com/vidhartbhatia/BOBS-ramen">https://github.com/vidhartbhatia/BOBS-ramen</a>

## HONORS AND AWARDS

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

## LANGUAGES AND TECHNOLOGY

Java, C, Python, SML, Swift, HTML, CSS, JavaScript  
Arduino, WordPress, Unity3D  
English, Hindi