

## EDUCATION

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| May 2020         | <b>CARNEGIE MELLON UNIVERSITY</b><br><i>Bachelor of Science in Computer Science, Minors In Game Design and HCI</i>   | GPA <b>3.78/4.0</b> ( <i>Deans List</i> ) |
| Relevant Courses | Functional Programming   Parallel Data Structures and Algorithms   CS Theory<br>Mobile Robot Algorithms   Complexity Theory   Distributed Systems   VR/AR Game Development |   |

## LANGUAGES AND TECHNOLOGY

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

## EXPERIENCE

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| Summer 2018   | <b>BUNGIE, Software Engineering Intern</b> , Bellevue, WA <ul style="list-style-type: none"> <li>• Authored several tools to allow for designers to add new item categorization features in Destiny 2.</li> <li>• Implemented an import system for designer data and a script to automatically tag existing items.</li> <li>• Shipped bug fixes to millions of players and worked in a large C# and C++ codebase.</li> </ul> |
| Fall 17, 18   | <b>CARNEGIE MELLON UNIVERSITY, Teaching Assistant</b> , Pittsburgh, PA<br><b>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 17, 18 | <b>Principles of Computing</b> <ul style="list-style-type: none"> <li>• Introduced non-majors to the world of Computer Science and programming with Python.</li> </ul>   |
| Summer 2017   | <b>CAMPK12, Instructor</b> , Mumbai <ul style="list-style-type: none"> <li>• Led several camps for 20+ middle school children and introduced them to Android development on the MIT Application Inventor platform</li> <li>• Helped develop a game-based curriculum for more effective learning.</li> </ul>  |
| Summer 2016   | <b>FUSION ENGINEERING, iOS Development Intern</b> , Mumbai <ul style="list-style-type: none"> <li>• Prototyped a location journaling iOS application in Swift.</li> <li>• Tested various location tracking technologies to make the application power and resource efficient.</li> </ul> <a href="https://visits.app">https://visits.app</a>   |

## PROJECTS

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| Nov. 2014 – Present | <b>E-COLLECT</b> <ul style="list-style-type: none"> <li>• Established a non-profit 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, and have successfully recycled over a ton of toxic material.</li> </ul> <a href="http://www.ecollectmumbai.com">http://www.ecollectmumbai.com</a>   |
| Sept. 2016          | <b>BOB'S RAMEN, HackCMU 2016</b><br><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 enabled 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

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