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| **Abhiti Vaish** | | |
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| **Education \_**  College Residence | Boston, MA, 02115  Home Residence | New York, NY, 10021 | |
| **Massachusetts Institute of Technology**  *B.S. in Computer Science and Engineering & Minor in Economics*  Relevant Coursework: Software Construction, Computer System Security, Computer System Engineering, Design and Analysis of Algorithms, Artificial Intelligence, Principles and Practice of Assistive Technology, Interconnected Embedded Systems;  Innovation Policy and Economics, Economics and E-Commerce  **United World College – USA | International Baccalaureate Diploma**  Awarded a full merit scholarship by the U.S. National Committee | **Cambridge, MA**  2020 June  expected  **Montezuma, NM**  2016 May |
| **Experience \_** | |
| **Mobile Engineering Intern | Brightest**  Constructed 4.2-star Android app enabling users to become agents of social change  **Software Engineering Intern | Comcast**  Wrote a proprietary REST API that resolves an IP address to its subnet, service, and security zone; validated router configurations using Batfish to preemptively identify errors  **Software Engineering Intern | Teralytic**  Designed Slack notification back-off algorithm, detecting inactive gateways that monitor farms; designed Alexa skill reporting soil metrics and anomalies; constructed ARKit experience displaying sensor data  **Undergraduate Researcher | MIT SENSEable City Lab**  Developed MATLAB scripts, analyzing smartphone accelerometer data to monitor bridges using Structural Health Monitoring; structured protocol for crowd-sourced data storage | **Brooklyn, NY**  2019 January  **Philadelphia, PA**  2018 June – 2018 August  **New York, NY**  2018 January – 2018 April  **Cambridge, MA**  2017 July – 2017 December |
| **Projects \_**   |  |  | | --- | --- | | **Android Developer | So Much Simplicity (SMS)**  Team member building high-contrast Android SMS app to aid low-vision users  **Full-Stack Developer | The Other Half**  Independently produced productivity-enhancing app for partners to coordinate lives  **Android Developer | Brainy Backpack**  Engineered app that alerts user if they forget to pack a necessity in their smart backpack | **Cambridge, MA**  2018 September – 2018 December  **Philadelphia, PA**  2018 May – 2018 July  **Cambridge, MA**  2018 April – 2018 May | | |
| **Skills k** | |
| Java, Python, C++, Shell, MATLAB, LaTeX, Visual Basic, SQL, Git, Android Studio,  Alexa Skill Kit, IoT, LoRaWAN, Spring Boot Framework, Swagger, Agile, AWS | |
| **Languages and Locations** | |
| fluentHindi | proficientFrench    Cambridge, MA | Montezuma, NM | Mumbai, India | Scarsdale, NY | |