|  |  |  |  |
| --- | --- | --- | --- |
| **Abhiti Vaish** | | | |
| MIT Address | Boston, MA 02115  Home Address | New York, NY 10021 | | |
| **Education \_** | | |
| **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 | | **Cambridge, MA**  June 2020 |
| **United World College – USA | International Baccalaureate Diploma**  Awarded a full merit scholarship by the U.S. National Committee | | **Montezuma, NM**  May 2016 |
| **Experience \_** | | |
| **Software Engineering Intern | Microsoft**  Building an ed-tech web app to teach Smartfonts, a universal tool developed by Microsoft Research, which facilitates reading static and dynamic “21st Century fonts”; championing REST API and DevOps | | **Cambridge, MA**  June – August 2019 |
| **Mobile Engineering Intern | Brightest**  Advocated for and implemented companion Android app which informs socially engaged citizens of local volunteering opportunities; 500+ downloads on the Play Store | | **Brooklyn, NY**  January 2019 |
| **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 | | **Philadelphia, PA**  June – August 2018 |
| **Software Engineering Intern | Teralytic**  Designed Slack notification back-off algorithm, detecting inactive gateways that monitor farms; created Alexa skill reporting soil metrics and anomalies; constructed ARKit experience displaying sensor data | | **New York, NY**  January – April 2018 |
| **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 | | **Cambridge, MA**  July – December 2017 |
| **Projects** | | |
| **Android Developer | So Much Simplicity (SMS)**  Built high-contrast Android SMS app to aid low-vision client; focused on sleek yet functional conversational message container | **Cambridge, MA**  September – December 2018 | |
| **Full-Stack Developer | The Other Half**  Independently produced productivity-enhancing app for partners to coordinate their lives using a joint collaborative “bucket-list” and social calendar | | **Philadelphia, PA**  May – July 2018 |
| **Android Developer | Brainy Backpack**  Engineered app that alerts user if they forget to pack a necessity in their smart backpack, based off of their Google Calendar schedule | | **Cambridge, MA**  April – May 2018 |
| **Skills k** | | |
| Java, Python, C++, Shell, MATLAB, LaTeX, JavaScript, CSS, SQL, Git, Android Studio, React JS  Alexa Skill Kit, IoT, LoRaWAN, Spring Boot Framework, REST APIs, Swagger, Agile, AWS, Azure  fluent Hindi, proficient French | | |
| **Prior Locations** | | |
| Montezuma, NM | Mumbai, India | Scarsdale, NY | | |

