

Abhiti Vaish

College Residence | Boston, MA, 02115

Home Residence | 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

2020 June

expected

United World College – USA | International Baccalaureate Diploma

Awarded a full merit scholarship by the U.S. National Committee

Montezuma, NM

2016 May

Experience

Mobile Engineering Intern | Brightest

Constructed 4.2-star Android app enabling users to become agents of social change

Brooklyn, NY

2019 January

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

2018 June – 2018 August

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

New York, NY

2018 January – 2018 April

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

2017 July – 2017 December

Projects

Android Developer | So Much Simplicity (SMS)

Team member building high-contrast Android SMS app to aid low-vision users

Cambridge, MA

2018 September – 2018 December

Full-Stack Developer | The Other Half

Independently produced productivity-enhancing app for partners to coordinate lives

Philadelphia, PA

2018 May – 2018 July

Android Developer | Brainy Backpack

Engineered app that alerts user if they forget to pack a necessity in their smart backpack

Cambridge, MA

2018 April – 2018 May

Skills

Java, Python, C++, Shell, MATLAB, LaTeX, Visual Basic, SQL, Git, Android Studio, Alexa Skill Kit, IoT, LoRaWAN, Spring Boot Framework, Swagger, Agile, AWS

Contact

abhiti@mit.edu ✉

github.com/abhiti 🌐

linkedin.com/in/abhiti-vaish 📄

Languages and Locations

fluent Hindi | proficient French

Cambridge, MA | Montezuma, NM | Mumbai, India | Scarsdale, NY