

# Baibhav Vatsa

New Delhi, India | Nashville, TN

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## Education

**Vanderbilt University** | BS in Computer Science

**May 2022**

- **GPA:** 3.43/4.00
- **Selected Courses:** Data Structures, Intro to Video Production & Greek Myths

**Delhi Public School, R.K. Puram** | All India Senior School Certificate Examination **May 2018**

- **Final GPA:** 96.8/100
- **Selected Experience:** PhySoc President, Resonance (Annual PhySoc magazine) Coordinator, Maths and Science Symposium Coordinator, Conrad Innovation Challenge Semi-Finalists for Icarus, NASA Ames Space Settlement Design Contest Third Prize for Initium Novum, Runners Up in Asian Regional Space Settlement Design Competition and Team Vice President for Aelonah, and G. Bhaskar Memorial Awardee

## Technical Skills

- C++, Python, Java, C, ROS, Go, Dart, Qt, JavaScript, React, Vue, HTML, CSS, Bash, Rust, Machine Learning, TensorFlow, Prolog, MySQL, and Reverse Engineering
- Comfortable working with Flutter, Parcel, Git, GitHub, Linux, Windows, Adobe Illustrator, Adobe Premiere Pro, Microsoft Word, Microsoft Excel, Microsoft PowerPoint
- **Languages:** English, Hindi, Bhojpuri, Sanskrit, Japanese

## Selected Experience and Projects

**GradeSense** | App Developer

- Created an app for helping with managing and recording grades
- Made with Dart and Flutter

**Vanderbilt FOSS** | Mentor

**November 2018 - Present**

- Open source contributions to microsoft/vscode and baibhavatsa/minesweeper
- Responsible for helping others with open source software and contributions

**Advanced Robotics and Mechanism Applications Lab** | Intern **January 2019 - May 2019**

- Programming intern for writing platform independent GUI using C++ and Qt for the haptics devices in the lab under Dr. Nabil Simaan

**Vanderbilt Robotics** | Member

**August 2018 - Present**

- Part of the Programming subteam for the Rover Mining Challenge 2019
- Focused on Obstacle Detection, Path Planning, and Mission Control UI

**Local Hack Day** by GitHub | Winner

**December 2018**

- Vanderbilt University - Winner
- Used Microsoft Azure's Face API to write a face counting attendance system

**Vanderbilt Television** | Member

**August 2018 - Present**

- Member of Vandy Spoofed, Slant TV, and Almost Legitimate

**Vanderbilt Off-Broadway** | Member

**November 2018 - Present**

- Crew for 2019 Main Production Pippin

**VSkillS** | Intern

**October 2016 - November 2016**

- A joint venture between the Government of India and the Government of Delhi
- Created C++ Questionnaire for the Skill India C++ skill-certification program

**JEEViKA** | Intern

**May 2017 - June 2017**

- Government of Bihar's initiative under the State Rural Livelihoods Mission
- Completed a study on women empowerment through community-based institutions

**EduRevamp** | Co-founder

**September 2016 - August 2018**

- Startup to help high school students find educational opportunities
- Made all technical decisions and implemented them