

Vasudev Agarwal

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EDUCATION

Brown University, *Sc.B. Computer Engineering*. GPA: **3.4**

Providence, RI | **Expected Graduation May 2022**

Relevant Courses: Digital Electronic System Design, Design and Implementation of Integrated Circuits, Artificial intelligence, Digital Computing Systems, Principals of Economics, and Statistical Inference.

High School, 93.4%

Kolkata, West Bengal | Class of 2017

LEADERSHIP EXPERIENCE

Kolkata Sanity, *Co-Founder*

Kolkata, India | May 2020 – June 2020

- Founded and managed sanitization and disinfection services in the greater Kolkata area
- Spearheaded by 2 university students to help people restart their daily routines safely during the pandemic.
- Over 6 weeks of reopening in India we employed 5 people and provided services to 150+ satisfied customers.
- Our profits, of over \$2000, were donated to NGO/NPOs helping usher our world through this crisis.

The Brown Gadfly, *Chief Marketing Officer*

Providence, RI | August 2019 – Present

- The Gadfly is the only independent non university funded publication on campus
- Lead and managed publication team, website development, and social media platforms including Facebook and twitter.
- Responsible for generating advertisement revenue, readership and strong online following

WORK EXPERIENCE

Onnivation, *Operations and Lead Generation Specialist*

Mumbai, India | July 2020 – August 2020

- Worked with a team of 6 people to establish the most innovative Israeli software in the Indian startup ecosystem
- Lead multiple projects from start to end, entailing customer tailored research, sales pitches, vendor engagement, pricing and agreement.
- Generated \$150,000 in total sales, 15+ new vendors, and 5+ new customers.

Raj Agarwal Associates Architectural Firm, *Intern*

Kolkata, India | May 2017 – June 2017

- Worked under CEO, to explore possible interest in field of architecture
- Learned fundamentals of design, AutoCAD, and managing governmental proceedings.

PROJECTS

SPEECH-ASL project, *Founder and Developer*

Providence, RI | August 2020 – Current

- Working on an engine to convert speech to ASL in real time, using AI and computer vision.
- Heading a team of 4 developers, while also working on back-end functionality and front-end design using python, MySQL, HTML, CSS, and JavaScript

Donation Dog, *Co-Founder and Developer*

Kolkata, WB | June 2020 – Current

- Working on a website to educate people on donation data for all major and minor political campaigns in the USA. Additionally, it also outputs a list of who in a user's contacts has donated to which campaign.
- Leading a team of 3 developers working on data collection, data management, back-end search and sort development, and front-end design using python, HTML, CSS, JavaScript and React.

Findr, *Campus Representative*

Providence, RI | June 2020 – Current

- Working as a representative and marketing team member for a Canadian (UofT) student run start-up at Brown.
- Helping increase awareness and excitement for the application during development period, along with a co-representative.
- Responsible for 1000+ followers, across various platform, over 3 months prior to hard launch.

Node6, *Founder and Developer*

Kolkata, WB | May 2020 – July 2020

- Worked on a website to help find mutual connections between any two people using social media.
- Managed a team of 5 developers from various international universities and created a constant time back-end search, linear time collection and scraping algorithm and front-end design and user functionality using python, Node js, selenium, HTML, CSS and JavaScript.

Website Development

Providence, RI | September 2019 – Current

- Designed multiple websites for my own projects and as a freelancer, one of which is attached below.
- RoadWings website: <https://www.roadwingsint.com>

SKILLS & INTERESTS

Technical Skills: Proficient in Microsoft Office, Java, Python, MATLAB, SolidWork, Scala, HTML, CSS, OCaml, C, ARM, Racket, Verilog, SPICE, Logism, other hardware languages. Beginner level knowledge in MySQL and React.

Interests: painting, investment, philosophical non-fictions, music, scuba diving, travelling, golf, soccer, and basketball.