

**EDUCATION:****Masters of Engineering in Computer Science @ Cornell University**

August '17 - May '18

College of Engineering, Ithaca, NY (GPA: 4.067)

**Bachelors of Arts in Computer Science @ Cornell University**

August '13 - May '17

College of Arts & Sciences, Ithaca, NY (GPA: 3.67, Graduated with Honors, Minor in English, Dean's List Fall '14, Spring '14, Fall '16, Spring '18). [Link](#) to Honors Thesis on "How Technology Undermined and Clarified Privacy: Camera to Internet."**RELEVANT COURSEWORK:**

Machine Learning, Natural Language Processing, Computer Vision, Rapid Prototyping, System Security, Structure of Information Networks, Technology Law Colloquium, Language and Information Extraction, Operating Systems, Computational Biology, Algorithms, Data Structures, Object Oriented Programming, Functional Programming, Software Engineering, iOS Development, Surveillance and Privacy, Calculus II, Discrete Mathematics, Digital Logic, Linear Algebra, Data-Driven Web Applications, Writing Seminars, Microeconomics, Macroeconomics, Modern Political Theory, World Literature, Non-Fiction Writing, Science Fiction

**EXPERIENCE:****Teaching Assistant | Cornell Computer Science Dept. | Ithaca, NY**

August '17 - Present

- For Rapid Prototyping played an in-depth advisory role in 6 student projects including an automatic Wire Bender
- For Language and Information will play an in-depth advisory role in 3 student projects involving Internet Information Extraction

**Machine Learning Strategist | Comake | Ithaca, NY**

May '17 - October '17

- Worked closely with CTO on integrating Machine Learning software into the company's file management software product

**Software Development Intern | Amazon Web Services | Seattle, WA**

May '16 - August '16

- Wrote a full stack application to automate the creation of AWS Config Rules
- Received full-time offer

**Peer Counselor | EARS | Ithaca, NY**

August '15 - December '17

- Underwent intensive training and counseled peers dealing with many issues

**Research Assistant | Clark Lab | Ithaca, NY**

May '15 - July '15

- Wrote Python software for population genetics research

**Intern | Shopsense | Mumbai, Maharashtra, India**

June '14 - August '14

- Conceptualized and developed internal workflow management software

**PROJECTS (for more details on my projects see [ishaanjhaveri.com/work](http://ishaanjhaveri.com/work)):**

- Referring Expression Generation (ML/NLP):** Improving existing Referring Expression Generation architectures using a semantically aware objective function with Kilian Weinberger and Yoav Artzi. Submitting to NIPS in May.

September '17 - Present

- Conversation AI for Alexa Challenge:** Designed a chatbot to allow for conversations akin to the Turing Test. Our bot model utilized information retrieval, and long short-term memory networks (LSTMs). See paper [here](#).

August '16 - October '16

- DAVE:** Secure note keeping Application for Journalists in oppressive countries

January '18 - Present

- GraffitiBot:** Built a wall-mounted robot that can draw any input line image onto the wall, magnified

August '16 - December '16

**ACTIVITIES, SKILLS AND INTERESTS:**

**Technical Skills:** Python • SAS • Java • C • OCaml • Swift • Django • Angular • Agile Development • Making UML Diagrams • Data Science • Ruby on Rails • HTML • Javascript • Microsoft Office • PyTorch • AutoDesk Inventor • AutoDesk Fusion 360

**Activities:** Growing Interest in Journalism and News Industry • Co-Organizer of Semesterly "Zeus Poetry" event for Cornell Students to showcase Poetry, Music and Other Talents • Former Front Desk Attendant at Cornell ISSO • Former Member of Cornell Society for Debating Students • Scholarship Chair of Delta Chi Fraternity - Organized cultural and informative discussions every week and founded the Short Story Book Club • Writing • Debating • Drama - Acted in Plays throughout Middle and High School • Reading • Squash & Badminton • Travel Writing • Climbing

**Languages:** Hindi (proficient) • Marathi (passable) • Gujarati (passable)