

# dhruvrajan

## technical skills

Languages: Python, Java, C/C++, Haskell, Unix, Git, HTML5, CSS3, JavaScript, SQL, **LAT<sub>E</sub>X**  
Packages: nltk3, numpy, pandas, scipy, scikit-learn, OpenCV

## contact

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[github://dhruvrajan](https://github.com/dhruvrajan)

## interests

artificial intelligence,  
machine learning,  
randomization,  
statistical learning  
theory

## work experience

May 2018	<b>Uber Inc.</b> <i>Software Engineering Intern (Maps)</i>	Palo Alto, CA
2016	<b>Gnetic, Inc. (<a href="http://www.gnetic.com">www.gnetic.com</a>)</b> <i>Software Engineer</i> Put together and programmed electrical system for a prototype using an Arduino and RaspberryPi, and an Android controller.	Palo Alto, CA
2014	<b>Declaral, Inc. (<a href="http://www.declaral.com">www.declaral.com</a>)</b> <i>Data Science Intern</i> Developed text tagging system for online documents, using python and techniques from text-retrieval, machine learning, and natural language processing.	Palo Alto, CA
2014	<b>Whodini, Inc.</b> <i>Software Engineering Intern</i> Worked on topic-classification pipelines for workforce engagement and expert identification.	(acquired by Declaral, Inc. in 2014) Los Altos, CA

## education

2016-2020	<b>The University of Texas at Austin</b>  B.S. Computer Science, Turing Scholar CS 331H: Algorithms & Complexity, CS 378: Randomized Algorithms, CS 378H: Data Mining, CS 343H Artificial Intelligence, CS 353: Theory of Computation, CS 439H Operating Systems, CS 429H: Computer Org & Architecture, CS 314H Data Structures, CS 311H Discrete Math, M 340L Linear Algebra, M 362K Probability 1, Multivariable & Vector Calculus	Austin, TX
2012-2016	<b>Gunn High School</b> High School Diploma Online: Intro to Computational Thinking and Data Science (MIT 6.00x), Algorithms 1, Part 1 (Princeton), Principles of Functional Programming in Haskell (TU Delft)	Palo Alto, CA

## projects

2017	<b>UT Austin Computer Science</b> <i>Undergraduate Researcher</i> Worked on a system for functional probabilistic programming in Haskell.	Austin, TX
2016	<b>scrivener.ai</b> Using NLP and Speech Recognition to structurally transcribe audio from meetings to increase productivity. <a href="https://github.com/dhruvrajan/scrivener.ai">https://github.com/dhruvrajan/scrivener.ai</a>	MHacks; Detroit, MI
2013-2016	<b>GRTPyFramework (GRT # 192, <a href="http://gunnrobotics.com">gunnrobotics.com</a>)</b> Developed robotics control system in python for Gunn's entry in the FIRST robotics competition. Won the <i>Innovation in Control</i> award at the 2016 Milwaukee Regional for automatic vision-aided aiming, and controllable design. See <a href="https://github.com/dhruvrajan/grtpyframework">github://grtpyframework</a> .	Palo Alto, CA
2014	<b>15th Place in picoCTF</b> Competed in a cyber-security "capture-the-flag" tournament; won 15th place out of 3000 teams.	Carnegie Mellon picoCTF