dhruvrajan

objective

Software development, employing cutting-edge statistical and natural language technologies to provide compelling user value.

technical skills

Python (nltk3, numpy, pandas, scipy, scikit-learn, OpenCV), Java, Haskell, HTML5, CSS3, JavaScript, SQL, Unix, Meteor, Git, GitHub, LaTeX

work experience

Spring 2016 **Gnetic, Inc** Palo Alto, CA
Software Engineer
Put together and programmed electrical system for a prototype using an Arduino and RaspberryPI, and an Android controller.

2013–2016 **Gunn Robotics Team (GRT # 192) (gunnrobotics.com)** Palo Alto, CA
Controls Lead
Developed robotics controls system for Gunn's entry in the FIRST robotics competition; mentored team members and taught python. Won the *Innovation in Control* award at the 2016 Milwaukee Regional for automatic vision-aided aiming, and controllable design. See (github://grt192).

2014 **Declara, Inc. (www.declara.com)** Palo Alto, CA
Data Science Intern
Developed text tagging system for online documents, using python and techniques from text-retrieval, machine learning, and natural language processing.

2014 **Whodini, Inc. (www.whodini.com)** (acquired by Declara, Inc. in 2014) Los Altos, CA
Software Engineering Intern
Worked on topic-classification pipelines for workforce engagement and expert identification.

education

2016-2020 **The University of Texas at Austin** Austin, TX
B.S. Computer Science, Turing Scholar
CS 314H Data Structures, CS 311H Discrete Math, M 362K Probability 1

2012-2016 **Gunn High School** Palo Alto, CA
High School Diploma
Multivariable & Vector Calculus, AP Physics C E&M, AP Chemistry
Online: Intro to Computational Thinking and Data Science (MIT 6.00x),
Algorithms 1, Part 1 (Princeton), Principles of Functional Programming in Haskell (TU Delft)

awards

2016 **Andrea Erzberger Physics Scholarship** Ms. Andrea Erzberger, Gunn High School
http://www.paloaltoonline.com/obituaries/memorials/andria-erzberger

2016 **Innovation In Control** Milwaukee FRC Regional, Rockwell Automation
Celebrates an innovative control system or application of control components—electrical, mechanical, or software—to provide unique machine functions.

2014 **15th Place in picoCTF** Carnegie Mellon picoCTF
Competed in a cyber-security "capture-the-flag" tournament; won 15th place.

about

27930
Roble Blanco Drive
Los Altos Hills, CA
94022

+1 (650) 229-4572
dhruv@cs.utexas.edu
dhruv@krishnaprem.com

in://dhruvrajan
github://dhruvrajan

interests

artificial intelligence, natural language processing, machine learning, functional programming, computer vision, computational music, robotics

hobbies

guitar, tennis, cross-country, woodworking