

Rohan Gokhale

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Education

Oregon State University — B.S. in Computer Science September 2015 - April 2017

- GPA: 3.8
- Related Coursework: Operating Systems; Databases; Algorithms; Data Structures; Open Source Software; Computer Architecture; Discrete Structures; Computer Networks

Rutgers University — B.S. in Physics September 2007 - May 2011

- Related Coursework: Calculus I-III, Differential Equations, Advanced Calculus for Engineers

Experience

Physics Teacher — Piscataway High School September 2011 - June 2016

- Taught AP Physics C and Honors Physics, as well as lead the AP and Honors Physics Programs
- Enrollment in AP and Honors courses doubled during my five year tenure
- Coached two Physics League teams each year

Personal Projects

Twitter Sentiment Visualization [Live](#) • [Github](#)

- Sentiment analyzer and visualizer for collected tweets related to trending topics on twitter
- Implemented a sentiment analysis algorithm using a Naïve Bayes machine learning classifier
- Utilized the Twitter streaming API to collect ~300,000 tweets a day
- Uses D3.js to create a visualization of the sentiment data for each state
- Backend: Scala, SQL, Frontend: Javascript, PHP, HTML/CSS

Handwritten Digit Classifier [Github](#)

- Tool for creating and training neural networks to classify handwritten digits
- Created an API to create, train, test, save, and load neural networks of any size
- Tuned a neural net to classify digits with 96.5% accuracy (available with library)
- Python

Skills

- Proficient with Java, Python, Scala, SQL, Git
- Experience with C, C++, Javascript, HTML/CSS