

# Dhruv Iyer

<http://www.dhruviyer.info>  
diyergg@seas.upenn.edu | 480.414.3912

## EDUCATION

### THE UNIVERSITY OF PENNSYLVANIA

JEROME FISHER PROGRAM IN  
MANAGEMENT AND TECHNOLOGY  
Joseph Wharton Scholar, Kite and  
Key Society, University Council  
GPA: 4.0  
Expected May 2021

### BS IN ECONOMICS

The Wharton School

### BSE IN COMPUTER AND INFORMATION SCIENCE

School of Engineering and Applied  
Science

## LINKS

Github:// [dhruviyer](#)

LinkedIn:// [dhruviyer](#)

## COURSEWORK

### UNDERGRADUATE

Mathematical Foundations of CS  
Introduction to Management  
Intro to Computing Systems  
Programming Languages and  
Techniques

## SKILLS

### PROGRAMMING

#### Independent

Java • Python • Tensorflow

#### Semi-autonomous

C# • NodeJS

#### Working Knowledge

JavaScript • OCaml

### OTHER

Public Speaking • Conducting Research  
Entrepreneurship • Management

## PASSIONS

The Ukulele • Deep Learning  
Teaching • Entrepreneurship  
Data Science • Giving Tours

## WORK EXPERIENCE

### INTEL CORPORATION | SOFTWARE ENGINEERING INTERN

May 2018 - August 2018 | Santa Clara, CA

- Developed machine learning models to predict network performance using time series data and explained to senior management how this creates a market opportunity for the company
- Developed skills in TensorFlow, pandas, deeply studied RNNs, ARIMA, and LSTMs

### MATHEMATICAL FOUNDATIONS OF CS | TEACHING ASSISTANT

Aug 2018 | Philadelphia, PA

- Discrete math course focusing on proof techniques and problem-solving skills related to algorithm development
- Responsibilities include writing homework and solutions, leading recitation section, grading, and holding office hours

### ECHELON LABS | COFOUNDER AND CEO

Oct 2016 - Aug 2017 | Phoenix, AZ

- Machine Learning start-up creating a REST API for developers to easily integrate AI into their applications
- Developed business model, conducted market research, hired business partners, wrote server-side code in NodeJS and MySQL and ML app in Java

### THE MIDAS CONSULTING NETWORK | FOUNDER & CEO

Aug 2018 | Philadelphia, PA

- Professional networking tool that connects small business owners, entrepreneurs, and nonprofits to college students who can provide low-cost consulting services
- Developed MVP and skills in full-stack engineering as well as entrepreneurship

### TRANSLATIONAL GENOMICS RESEARCH INSTITUTE | RESEARCH INTERN

Aug 2015 - May 2017 | Phoenix, AZ

- Conducted research on computationally modeling gene regulatory networks
- Developed skills in regression analysis, Java, and R as well as research techniques

## OTHER PROJECTS

### I2C | INDEPENDENT RESEARCH

Aug 2013 - May 2015 | Phoenix, AZ

Series of devices aimed at helping quadriplegics provide input to computers. I2C v1 used IMUs and Accelerometers to track head movements and I2C v2 used Microsoft Kinect and ML to track facial movements

## AWARDS AND HONORS

- 2017 University of Pennsylvania Dean's List
- 2017 Coca-Cola Scholar
- 2017 Regeneron Science Talent Search top 300
- 2016 Policy Advisor White House Summit on Next Generation High Schools
- 2015 National Junior Science and Humanities Symposium 1<sup>st</sup> place Winner