

# Dhruv Iyer

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## 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

MIT LAUNCH  
SUMMER ENTREPRENEURSHIP CAMP  
June 2015 - July 2015

## LINKS

Github:// [dhruviyer](#)  
LinkedIn:// [dhruviyer](#)

## COURSEWORK

### UNDERGRADUATE

Programming Languages and Techniques  
Mathematical Foundations of CS  
Introduction to Management

## SKILLS

### PROGRAMMING

Independent

Java • Python • Tensorflow

Semi-autonomous

C# • NodeJS

Working Knowledge

JavaScript • OCaml

## WORK EXPERIENCE

### INTEL CORPORTATION | SOFTWARE ENGINEERING INTERN

May 2018 - August 2018 | Santa Clara, CA

- Joined Network Platforms Group and conducted research into AI algorithms, architecture, and optimization for time series forecasting
- Developed skills in TensorFlow, pandas, deeply studied RNNs, ARIMA, and LSTMs

### MATHEMATICAL FOUNDATIONS OF CS | TEACHING ASSISTANT

May 2018 - Present | Philadelphia, PA

- Discrete math course focusing on proof techniques and problem-solving skills related to algorithm development
- Responsibilities will 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 startup 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

### 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

### ALLBEAT | COFOUNDER & COO

Aug 2015 - Dec 2016 | Phoenix, AZ

- Music discovery app that helped match music lovers to indie artists through 11 second previews
- Won top 5 music tech companies at SXSW 2015
- Developed a passion for technology and tech entrepreneurship

## 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