

# 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, Penn Aerial Robotics  
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 Tech I  
Multivariable Calculus  
Introduction to Economics for Business

## SKILLS

### PROGRAMMING

#### Expertise

Java • JavaScript • OCaml • Python  
C# • HTML/CSS • NodeJS

#### Familiarity

MySQL • Rails • R

## WORK EXPERIENCE

### ECHELON LABS | COFOUNDER AND CEO

Oct 2016 - Present | Phoenix, Arizona

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

### AZ SCITECH ASSOCIATION | CHIEF SCIENCE OFFICER

Aug 2015 - May 2017 | Phoenix, AZ

- City of Chandler student representative to statewide cabinet of youth STEM education advocates
- Worked with AZ Governor's Office of Education and AZ board of education to introduce a student adviser to the board of education
- Invited to the White House Summit on Next Generation High Schools as a policy adviser for the US Department of Education

### TRANSLATIONAL GENOMICS RESEARCH INSTITUTE | RESEARCH ASSISTANT & INTERN

Aug 2015 - May 2017 | Phoenix, AZ

- Conducted research on computationally modeling gene regulatory networks
- Selected for a six week summer internship program
- Developed skills in regression analysis, Java, and R as well as research techniques
- Project received top honor at summer research symposium

### 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	top 150/87,000	Coca-Cola Scholar
2017	top 300/25,000	Regeneron Science Talent Search
2016	Policy Adviser	White House Summit on Next Gen High Schools
2016	Finalist	National Junior Science and Humanities
2015	1 <sup>st</sup> place Winner	National Junior Science and Humanities Symposium
2014	Finalist	National Junior Science and Humanities