

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

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
Communication

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

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

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

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

MATHEMATICAL FOUNDATIONS OF CS | INCOMING TEACHING ASSISTANT

Starting Aug 2018 | 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

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 1st place Winner