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 • C# • HTML/CSS
Semi-autonomous
Python • NodeJS
Working Knowledge
JavaScript • OCaml • MySQL
• Rails • R

WORK EXPERIENCE

INTEL CORPORTATION | Software Engineering Intern
May 2018 - August 2018 | Santa Clara, CA
- Worked in AI products division applying RNNs to perform time-series forcasting for telecommunication servers for load balancing
- Developed skills in TensorFlow, pandas, and Python and studied RNNs and LSTMs

MATHEMATICAL FOUNDATIONS OF CS | Teaching Assistant
May 2018 - Present | Philadelpia, PA
- Mathematical foundations 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 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 1st place Winner