

Dhruv Iyer

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2310 W. Maplewood Street, Chandler, AZ

EDUCATION

University of Pennsylvania

Jerome Fisher Program in Management and Technology; GPA: 3.99/4.00

Philadelphia, PA

Expected May 2021

Degrees: Bachelor of Science in Engineering, Penn Engineering | Bachelor of Science in Economics, Wharton

Majors: Computer Science | Business Analytics

Relevant Coursework: Algorithms, Data Structures, Probability, Linear Algebra, Scaling Technology Ventures, Management of Technology, Corporate Finance, Management

SKILLS

- **Languages:** Python, Scala, Java, LaTeX
- **Tools and Libraries:** Elasticsearch, Django, TensorFlow, Keras, Numpy, Pandas, Git
- **Other:** Agile, Scrum, Public Speaking, Academic Research, Tech Leadership, Product Management, Entrepreneurship, OKRs, Communication

EXPERIENCE

Livongo

Backend Engineering Intern and Kleiner Perkins Fellow

Mountain View, CA

May 2019 - Aug 2019

- Developed internal search product to replace legacy MySQL database with Elasticsearch, reducing data load time from 1 hour to approx. 6 mins
- Selected index mapping and cluster configuration to meet performance, security, and functionality requirements, wrote and optimized data loading scripts and search APIs, and developed roadmap for future improvements
- Gained technical lead experience through sourcing and organizing requirements, managing full SDLC, and completing design reviews
- Practiced leadership through influence and communication skills by pulling together engineers from 5 teams to deploy Elasticsearch cluster to production, presented project to entire tech team, CTO, and founder
- Learned what makes a scalable organization through experiencing company IPO (July 2019)

Intel Corporation

Software Engineering Intern

Santa Clara, CA

May 2018 - Aug 2018

- Developed novel hybridized time series forecasting model for telecommunications data using linear and deep learning methods
- Wrote wrapper libraries and submitted proposal for internal patent review
- Asked to consult with partner team in Arizona to help bootstrap related deep-learning load balancing project using similar models
- Presented model to principal engineers and Intel Labs researchers while highlighting the market opportunity for the company

Interist

Founder

Philadelphia, PA

May 2018 - Present

- [Interist](#) is where visionary companies find their interns. We help midsize companies design and execute great intern programs
- Launched Minimum Viable Product using Django and acquired 40 students within 2 months of launch

GRASP Lab

Undergraduate Research Assistant

Philadelphia, PA

Jan 2019 - Present

- Studying Lifelong Reinforcement Learning under mentorship of Professor Eric Eaton
- Investigated whether CNN-LSTM architecture can be used for simple task inference using the cart-pole problem

CIS 160

Undergraduate Teaching Assistant

Philadelphia, PA

Aug 2018 - Dec 2018

- Discrete mathematics course focusing on proof techniques, probability, counting, and graph theory
- Responsibilities included grading, writing problems and solutions, co-leading a recitation with approx. 20 students, and holding office hours

AWARDS AND HONORS

Kleiner Perkins Fellow (2019): Awarded to 60 students from an applicant pool of over 3,000 by Silicon Valley VC firm Kleiner Perkins

Eta Kappa Nu (2019): IEEE Honors Society

University of Pennsylvania Dean's List (2018-2019)(2017-2018): Awarded to students with GPA at least 3.7

Joseph Wharton Scholar (2017): Honors program of the Wharton School

Coca-Cola Scholar (2017): Awarded to 150 students from an applicant pool of over 80,000 by the Coca-Cola Scholarship Foundation

Minor Planet 28722 (2014): Renamed to Dhruviyer to commemorate finalist status in the Broadcom MASTERS science fair