Ravish Chawla

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Experience

VMware, Inc   Atlanta, GA

Advanced R&D Engineer II, Oct. 2020 – present
Engineer 1, Aug. 2017 –Oct. 2020
Research Engineering Intern, May – Aug. 2016

Research and Software Engineering in the Office of the CTO. I develop new products that use Machine Learning / AI and other new technologies, actively contributing to novel research in these areas.

- o Developed multiple products from concept to productization through cross-functional team efforts.

  - o Helpdesk Connector (2021): Led the development of a new product integration between VMware and ServiceNow, an IT ticketing platform, simplifying product access for consumers.

  - o Hub Chatbot (2018): Collaborated with IBM to integrate IBM Watson and other cloud providers with VMware products, enabling Natural Language capabilities for onboarding and IT use cases.

  - o Trust Network (2017): Worked with VMware's security partners to build a shared data lake comprising of malware data, using Machine Learning on this data to identify security outbreaks.

- o In-product feedback (2020): Drove customer-retention efforts by building deep-learning models in Python to analyze customer reviews, piloting the project through a complete data-science pipeline, including data preparation, training, and deployment.

- o Team management (2020-): Obtained buy-in from team members to adopt product management to manage work resources; currently overseeing agile project tracking for the Office of the CTO.

- o Innovation Team (2019-): Found and led a team with the goal of patenting novel ideas and getting them on product roadmaps; filed 21 patents in various fields including security, AI, and 3d printing.

Zynga, Inc.   San Francisco, CA

Software Engineer, Jan. – May 2016
Software Engineering Intern, May –Aug. 2015

Software Engineer on iOS and Android platforms for the mobile game Zynga Poker.

- o Social Hub (2015): Developed the Zynga Poker Social Hub in C#, released as an in-app feature.

Education

Georgia Institute of Technology   Atlanta, GA

Master of Science in Machine Learning, Aug. 2015 – Aug. 2017

- o *GPA: **3.90** / 4.0 (overall)*

Bachelor of Science in Computer Science, Aug. 2012 – Dec. 2014

- o *GPA: **3.82** / 4.0 (overall, Graduated with Highest Honors)*

Leadership and Volunteer Work

Peachtree Toastmasters, President (2019-2021) – Led the digital transformation of the club in 2019 and supervised a team of 6 club officers along with 30+ members to achieve a President's Distinguished award consecutively for 2 years in a row.

ML2Vec, Author (2016-) – authored and managed a personal technical blog on Data Science and Machine Learning for aspiring AI engineers, garnering on average 7,500 views per month - https://medium.com/ml2vec.

Asian@VMware (2019-) – co-lead and founding member of a Diversity & Inclusion ERG at VMware for Asian-American professionals; helped organize speaking engagements and panel discussions with Asian business leaders in Atlanta.