**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.

* Developed multiple products from concept to productization through cross-functional team efforts.
  + Helpdesk Connector (2021): Led the development of a new product integration between VMware and ServiceNow, an IT ticketing platform, simplifying product access for consumers.
  + 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.
  + 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.
* 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.
* 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.
* 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.

* 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*

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

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

* *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.