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| **EDUCATION** | |
| **GEORGIA INSTITUTE OF TECHNOLOGY**  ***Master of Science in Computer Science and Specialization in Machine Learning : GPA 3.87 / 4.0*** | **Atlanta, GA**  **2015-2017** |
| * Graduate Research included an accepted publication to IEEE VAST 2017 Conference (21% acceptance rate) * Additional experience included Graduate Professor’s Assistantship, and a summer internship in related field   ***Bachelor of Science with Major in Computer Science : GPA 3.83 / 4.0 (Highest Honors)*** | **2012-2014** |
| **EXPERIENCE** | |
| **VMWARE**  ***Software Engineer in Advanced R&D – Office of the CTO*** | **Atlanta, GA**  **2017-Present** |
| * Filed 7 Patents as part of ongoing research and proof-of-concept implementations, ranging in different fields including Mobile Security and Management, Natural Language Processing, 3D Printing, and Voice-based search systems. * Created an end-to-end product for Data Analytics using Time Series Analysis on live streaming data, Natural Language Processing for real customer feedback data, and Category Classification on bulk logging data. * Created integrations for security partners Lookout and Carbon Black, which became part of a new product – VMWare Trust Network, a platform for intelligently managing security by collaboratively gathering threats from multiple sources. * Developed serverless connectors, led architecture design, and wrote components for the original use case for a new product – Workspace One Hub Chatbot with Watson, a service that is now offered to all customers as part of Workspace One. * Submitted 3 publications to the company’s research conference – Radio@, corresponding to Innovation Work and research. * Participated in 2 internal Hackathons, creating new apps, including developing Machine Learning models for English and Spanish language understanding for voice, and a backend system for Contact Tracing for Covid-19. Worked with Product Managers to get the apps onto product roadmap. | |
| ***Research Engineering Intern in Advanced R&D*** | **Summer 2016** |
| * Developed a Machine Learning algorithm to learn and predict behavior of vehicle drivers from device sensor and status data collected by mobile devices, and created a corresponding Android app to enforce restrictions inferred by the algorithm. * Filed 2 Patents (now approved) for finding a unique approach to driver and passenger identification using Machine Learning. | |
| **Zynga**  ***Software Engineer*** | **San Francisco, CA**  **Jan – May 2015** |
| * Worked on Cross Platform Game Development using Unity Game Studio. Created and developed several features for the mobile game Zynga Poker as part of a team, which were released and are being used by millions of users today. | |
| ***Software Engineering Intern*** | **Summer 2014** |
| * Worked on the Push Notification service for Zynga Poker, developing a feature that was deployed on the web platform. | |
| **SKILLS AND KNOWLEDGE** | |
| * Experience in Machine Learning with **Python, Tensorflow, Keras, PyTorch, SKLearn,** and **Pandas** * Experience in Analytics and Serverless Platforms with **AWS Lambda,** **Apache Spark**, **Google Cloud**, and **GraphQL** * Completed Certifications:   + **Udacity Deep Reinforcement Learning** and **Data Scientist** **Nanodegrees**   + **Coursera Deep Learning.ai Specialization** | |
| **ADDITIONAL INFORMATION** | |
| * Author and manager of a blog that covers various topics in Machine Learning, Data Analytics, and Visualizations. Writing since 2017, with an average of 10K viewers per month – <https://medium.com/ml2vec>. * President of the Peachtree Toastmasters Club since 2019, a club that has been part of the Atlanta community since 1980s. As a president of this organization, I manage a team of 6 officers and 30 club members, managing various tasks including the club’s ongoing growth, achieving a president’s distinguished status within the global Toastmasters organization, and more recently, leading the club’s migration to an online educational curriculum and meetings – <http://peachtreetm.org/>. * Active volunteer at an Atlanta Foodbank, where I serve hands on every week to help prepare meals with other volunteers, and to serve the homeless in Atlanta every Saturday – <https://food4lives.org>. | |