

Kevin Koehncke

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EDUCATION

- **Georgia Institute of Technology** Atlanta, GA
Master of Science in Computer Science, Specialization: Machine Learning Jan 2018 – Expected: Dec. 2019
- **Virginia Tech** Blacksburg, VA
Bachelor of Science in Physics; Cum Laude Aug. 2012 – May 2017
- **Virginia Tech** Blacksburg, VA
Bachelor of Science in Computer Science; Cum Laude Aug. 2012 – May 2017

EXPERIENCE

- **CapTech Ventures** Reston, VA
Consultant July 2017 - Present
 - Technical lead for multi-month internal machine learning project predicting call volumes for call centers. Trained and evaluated neural network and multi-classifier using Azure ML Studio on synthetic dataset. Presented business case to executive management
 - Developed and taught internal data science workshops on various machine learning algorithms and their use cases
 - Working with Fortune 500 financial institution to implement back-end services using Java

PROJECTS

- **Deep Q-Learning:** Implemented Google DeepMind reinforcement learning algorithm to train an OpenAI Lunar Lander agent to land successfully
- **IMDb Data Analysis & Predictive Modeling:** Analyzed web-scraped dataset from IMDb, utilized linear regression to predict gross revenue for movies

TECHNICAL SKILLS

- **Languages:** Python, R, SQL, Java
- **Technologies:** Git, SVN, Linux, Windows

RELEVANT COURSEWORK

Graduate

- Data and Visual Analytics
- Reinforcement Learning
- Database Systems Concepts and Design

Other

- Machine Learning - Stanford Online
- Neural Networks - Stanford Online