

# CORBIN ALBERT

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Personal Website: <https://developingideas.me>

## EDUCATION

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<b>The University of Nottingham</b>	Master of Science, Computer Science and Artificial Intelligence Expected Classification: Distinction [US Equivalent: 4.0 GPA]	Summer 2017
<b>The University of Texas at Austin</b>	Bachelor of Business Administration, Finance Minor: Management Additional Certificate in Real Estate, 18 hours Overall GPA: 3.75	Spring 2015
<b>Università Commerciale Luigi Bocconi</b>	Study Abroad in Milan, Italy	Fall 2014

## AI PROGRAMMING LIBRARIES

- Python
  - PyTorch
  - Keras
  - TensorFlow (Basic)
  - Theano (Basic)

## OTHER PROGRAMMING LANGUAGES

- R
- Java
- SQL
- PHP
- HTML
- CSS (Bootstrap Framework)

## MISCELLANEOUS COMPUTER SKILLS

- Emacs
- LaTeX
- Git
- Database Design

## DISSERTATION - Exploring Teacher Forcing Techniques for Sequence-to-Sequence Abstractive Headline Summarization

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- PyTorch implementation of attentional seq2seq recurrent neural network models for headline-length article summarization
- Experimented with various static and dynamic teacher forcing methods
- Results statistically evaluated based on ROUGE scores and convergence time

## OTHER MASTERS LEVEL PROJECTS OF NOTE

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- Data Visualization, Clustering, Classification and Analysis project
- Intelligent Agent design and optimization (both Single and Multi-Agent)
- Project lead on development of a Python Doodle Jump clone using Pygame

## ACADEMIC AWARDS

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- Univ. of Pennsylvania Linguistic Data Consortium Data Scholarship

## COMPLETED MOOCs

- Machine Learning
- Practical Deep Learning for Coders Part 1
- Practical Deep Learning for Coders Part 2

## Organization

Coursera (Dr. Ng)  
Fast.ai  
Fast.ai

## WORK EXPERIENCE

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**Schlotszky's** - *Transition Manager*; Dallas, TX and Austin, TX Nov 2007 - Aug 2011; May 2012 - Aug 2012; Mar 2016 - Jun 2016  
*Fast Casual Sandwich Franchise*

- Oversaw the transition of ownership of four Schlotszky's stores in the Austin area in 2016
- Increased sales by 15% Y-O-Y during employment
- Fine-tuned team leadership and communication skills during the transition
- Made various personnel recommendations throughout tenure
- Assistant Manager during Summer 2012 between freshman and sophomore years
- Cashier and Team Leader throughout high school from 2007 - 2012

**RCLCO** - *Associate*; Austin, TX

May 2014 - August 2014; June 2015 - March 2016

*Real estate development consulting and land use economics company, commercial and residential*

- Conducted feasibility analyses for various development projects spanning multiple geographies and land uses including retail, office, apartments, condominiums, hospitality, industrial, and single-family residential
- Determined and analyzed supply and demand conditions for proposed developments
- Performed financial modeling for institutional land banking transaction
- Analyzed various demographic data from a multitude of sources to construct a comprehensive profile of demand-drivers
- Composed and edited professional reports tailored to client needs
- Interviewed brokers, community representatives, city planning departments, etc. to further knowledge of target markets
- Communicated with company leadership to discuss marketing and development strategies for the firm

## ADDITIONAL INFORMATION

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**Additional Interests:** Blockchain / Cryptocurrency Tech, Philosophy, Debate, Effective Altruism, Rationalist Movement, Politics, US Foreign Policy, Fitness, Nutrition, Wine, Skiing, Traveling

**Work Eligibility:** Eligible to work in the U.S. with no restrictions, sponsorship required elsewhere