

Philip Meyers

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EDUCATION

Northwestern University, McCormick School of Engineering June 2017
Bachelor of Science in Computer Science
Minor: Mathematics
Honors: *cum laude* (GPA: 3.81/4.00), Tau Beta Pi

Northwestern University, McCormick School of Engineering June 2018 (expected)
Master of Science in Computer Science
GPA: 4.00/4.00

TECHNICAL SKILLS

Languages: C, C++, C#, Java, JavaScript, Lisp, MATLAB, Objective-C, Python, Rust, Swift

EXPERIENCE

InfoScout, Data Engineering Intern Summer 2017

- Wrote tool to identify incorrect brand classifications in product database to reduce noise in brand reports
- Developed computer vision algorithm for preprocessing receipt images, yielded 5% increase in accuracy on pre-existing models
- Devised and trained new deep learning model in TensorFlow that utilized both image and text data for identifying stores from receipts, achieved 8% better accuracy over pre-existing models

Albert.io, Software Engineering Intern Summer 2016

- Learned proper procedures for writing cleaner code, testing code, using version control, and code peer review to contribute to Albert.io's codebase
- Converted Albert.io web API for use in mobile applications, wrote a Python program to automate future conversion
- Started work on a React Native mobile app using Flux pattern and converted web API

Project Wildcat, Counselor 2014 – 2016

- Led three 8-day backpacking trips in Northern Minnesota for a group of 10 incoming students
- Trained in conflict resolution, feedback models, consensus decision-making, risk management procedures, and emotional health to ensure group success and safety

PROJECTS

Definition Modeling Winter 2017

- Exploring alternative word embeddings and additional syntactic cues to improve quality of results from model introduced in *Definition Modeling: Learning to define word embeddings in natural language* (Noraset *et al.*, 2016) under Professor Doug Downey

Style Transfer Fall 2017

- Implemented *A Neural Algorithm of Artistic Style* by Gatys et al. in Python using TensorFlow as final project for *Deep Learning from Scratch* course

PCA to Deep Autoencoders Fall 2017

- Developed example to illustrate progression from PCA to deep autoencoders in Jupyter notebook for professor's textbook as final project for *Optimization for Machine Learning and Deep Learning* course

Chance August 2017

- Contracted to develop native iOS app in under 1 month for clients to use in demonstrations for fund raising

Pvmnt 2014 – 2015

- Co-founded startup to consolidate advertisement on Northwestern's campus with mobile and web apps
- Selected by Northwestern University to showcase to school donors at opening ceremony for The Garage