NICK MCKENNA

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FIND ME:

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EDUCATION



UNIVERSITY OF EDINBURGH

M.Sc. Artificial Intelligence, Aug 2019 Natural Language Processing Specialism



BROWN UNIVERSITY

B.Sc. Computer Science, 2017 Core GPA 3.7

RESEARCH EXPERIENCE

NLP and Cognition Research Blog

Independent research on representation learning with natural language.

Read it here: nmckenna.me/research

Brown Computational Cognitive Science Reading Group

Led by Ellie Pavlick, Summer 2018

PROFESSIONAL EXPERIENCE



TAPTOBOOK *Product Manager* June 2017 – Aug 2018

- Directed the product roadmap and lead development efforts. As the PM I identified business needs, researched solutions, and prioritized work.
- Planned and delivered innovative technologies and experiences that transformed the core business model. TapToBook is now nearly profitable.
- Scaled the platform to power national brands including Planet Fitness, Gold's Gym, and Buffalo Wild Wings.



YELP Product Management Intern Summer 2016

• Planned yelp.com notifications. Experimented with ML Group, growing review highlights engagement by 13%.



YELP Engineering Intern Summer 2015

• Built research-driven manager for Yelp Reservations, reducing time spent by restaurant hosts by 88%.

PROJECTS

Document Summarizer, Python & TensorFlow 2016

Summarizes documents using a deep convolutional neural network to extract meaningful sentences, based on Google DeepMind paper.

High-Frequency Trading Agent, Java 2017

Automatic trading algorithm for a simulated market. Traded securities with 14 agents for net-positive, 2nd best outcome in the group.

StingRay Renderer, OpenGL & C++ 2015

Real-time GPU raytracer that renders interactive 3D scenes using alternative on-device caching to accelerate render time.

Two to Infinity, iOS 2014 ☆ 14,000 Downloads

Mobile adaptation of the game 2048. Ranked in Top 100 Strategy Games in US, Canada, and Switzerland.

SKILLS

- Highly analytical and research-oriented
- Proficient in Python, Swift/iOS, C++, Java
- Technical knowledge of machine learning techniques and passionate about deep learning research

IMPACT

Teaching Assistant, Brown University

Hands-on with 570 students over 4 Computer Science courses. Held labs and office hours, and mentored projects.

Sponsorship Organizer, Hack@Brown

Raised \$45,000 for Brown's hackathon from partners Google, Microsoft, and TwoSigma.