Nadja Rhodes

Software/ML Engineer

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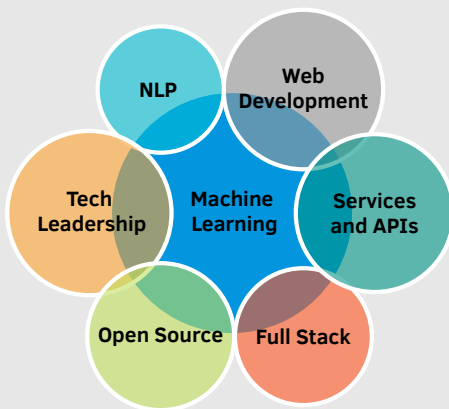✉ narhodes1+res@gmail.com

in /in/nadjarhodes

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Skills
Overview

Programming

Python • PyTorch

HTML5 • TypeScript • JS • SQL

C# • Bash • R • NoSQL

Rails • Java • C++ • C • LaTeX

Projects & Conferences

- Association for Computational Linguistics (ACL) - 2019
- OpenAI Scholars Demo Day - 2018
- National Society of Black Engineers (NSBE) Annual Convention - 2018
- Grace Hopper Celebration of Women in Computing - 2016
- Y Combinator's Female Founders Conference - 2014

Experience

Jan 2019 - Present | **Staff Machine Learning Engineer** ASAPP
New York, NY

- Building scalable deep learning training infrastructure to simplify the model development lifecycle for ML engineers and researchers.
- Working on natural language processing in the customer care domain for Fortune 500 customers.

Jun 2018 - Sep 2018 | **Deep Learning Scholar** OpenAI
San Francisco, CA

- Granted a scholarship to study deep learning full time under mentorship by Dr. Natasha Jaques.
- Focused on techniques in language modeling and generative text for natural language processing (NLP).
- Developed and open sourced deephypebot, a deep generative language model trained on past human music writing, compiled from the web and conditioned on attributes of the referenced music.
- Deployed model outputs to a Twitter bot that would find ongoing music discussion and generate new music commentary.

Sep 2013 - Sep 2018 | **Software Engineer II** Microsoft
Redmond, WA

- Team: OneNote Services.
- Started a machine learning and NLP incubation effort with three other engineers. Delivered prototypes in the note-taking domain.
- Rebuilt and open-sourced the OneNote Web Clipper (a multi-browser extension for extracting web content into OneNote) on a modern, React-like library. Primary architect of V1 data collection infrastructure, enabling real-time health monitoring and data-driven decision making about where to invest next in the product.
- Primary developer for V1 of onenote.com/notebooks, the main entry point for 4M monthly active users to find and access their OneNote content online.

Education

2009 - 2013 | **B.S. Computer Science** Stanford, CA
Stanford University, School of Engineering

Internships

Summer 2012 | **Trainee** NTT Communication Science Laboratories, Japan

- Linguistic Intelligence Research Group. Sequential pattern mining with PrefixSpan.

Summer 2011 | **Intern (BOLD Engineering Practicum)** Google, Inc.

- Google AdWords Display Network. Contextual Targeting Tool.

Summer 2010 | **Research Assistant, Sociology Department** Stanford University

- Data mining in LexisNexis Academic under Dr. Amanda J. Sharkey.