

Nadja Rhodes

Software Engineer 2



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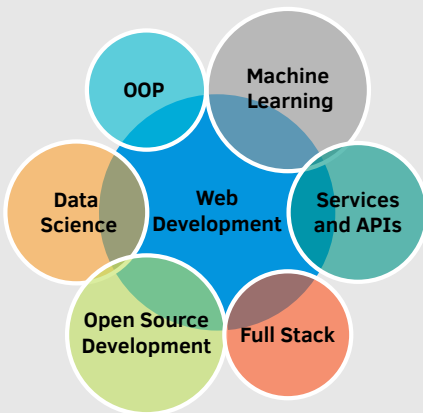


[/in/nadjarhodes](https://in.linkedin.com/in/nadjarhodes)



[iconix](https://github.com/iconix)

Skills Overview



Programming

HTML5 • TypeScript • JS

C# • Python • R

Rails • Shell • Java

C • C++ • \LaTeX

Projects & Conferences

- [OpenAI Scholar blog posts](#)
- [A task extraction model](#)
- [A guide to topic models & dimensionality reduction](#)
- [fast.ai coursework](#)
- [A ported Python analysis of Love Actually](#)
- [Women in Data Science Conference](#) - Feb 3, 2017 (online)
- [Grace Hopper Celebration of Women in Computing](#) - Oct 19-21, 2016
- [Y Combinator's Female Founders Conference](#) - Mar 1, 2014

Education

2009 - 2013 **B.S. Computer Science**

Stanford University, School of Engineering

Stanford, CA

Experience

Jun 2018 - Present

Deep Learning Scholar

[OpenAI](#)

- Granted a scholarship to study deep learning full time under 1:1 mentorship. Focused on techniques in language modeling and generative text for natural language processing (NLP).

Sep 2013 - Present

Software Engineer 2

Microsoft, [OneNote Services](#)

- Started a machine learning and NLP incubation effort with three other engineers. Delivered practical prototypes for 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.
- Engaged in exploratory data analysis to find leading indicators of long-term, engaged OneNote users. As a result, delivered first-ever email campaign by the OneNote org; automated the process of finding new users and sending them welcome emails, via back-end agents and a reusable notifications pipeline.
- 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.

Self-Study

- Practical Deep Learning for Coders by Jeremy Howard (fast.ai) - Completed 2018
- Machine Learning by Stanford University/Andrew Ng (Coursera) - Completed 2014
- R Programming by Johns Hopkins University (Coursera) - Completed 2016
- The Data Scientist's Toolbox by Johns Hopkins University (Coursera) - Completed 2016

Internships

Summer 2012

Trainee

[NTT Communication Science Laboratories](#), Japan

- Linguistic Intelligence Research Group
- Implemented additional features to standard sequential pattern mining algorithm (PrefixSpan), introduced to distributed computing via Hadoop.

Summer 2011

Intern (BOLD Engineering Practicum)

Google, Inc.

- Google AdWords Display Network
- Developed and released client-motivated UI feature for Contextual Targeting Tool, used to build advertising campaigns.

Summer 2010

Research Assistant, Sociology Department

Stanford University

- Supervised by [Dr. Amanda J. Sharkey](#)
- Optimized manual data mining project by developing Python code to automate LexisNexis Academic news database searches.