

# Jenny Fandrianto

Program Manager

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## SKILLS

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- **Program Management:** Drive improvements with scalability.
- **Executive Administrative Partnership:** Calendar, Travel, Budget, Team Building.
- **Scripting and Programs:** Google Sheets, Looker.

## EXPERIENCE

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- **Google** Mountain View, CA  
*Program Manager, Cloud* 05/2021-present  
*Machine Learning Engineer, AIML* 07/2019-04/2021
  - **Applied machine learning with external impact:**  
**Impact:** Improved quality of 7+ domains through 30+ statistically significant launches, about  $\frac{3}{4}$  requiring ML. Led and contributed to search quality projects for Siri, Safari, and Spotlight.  
**Scope:** Directly handled a majority of the end-to-end process: {ideation, privacy review, team management, xfunc collaboration/pitching, goal setting, device ground truth testing, backend migrations, data pipelines, server models, on-device models, eval, debug, launch, landing, metrics, monitoring, automation, postmortems}.
    - \* **User Feedback:** Team and I built a comprehensive, debuggable framework to leverage user feedback. This framework is used by 10+ projects including our team directly and xfunc collaborators.
    - \* **Web Answers:** E.g. [why is the ocean blue]. Improved Web Answers coverage by +xx% relative with models, classic and dense retrieval, query sampling, and practical hacks.
  - **Built a team and helped grow the organization:** Concurrently managing 7 (max 10) individual contributors. Directly hired 10+. Built and ramped a new team from scratch.
- **Google** Mountain View, CA  
*Software Engineer, Search Quality* 01/2018-07/2019  
*Software Engineer, Research* 07/2014-01/2018
  - **Applied machine learning with external impact:**  
**Impact:** Led and/or contributed to projects for Search, Google Play, and the TensorFlow ecosystem {ops, TensorBoard}.  
**Scope:** Typically handled these pieces: {data, model, eval, debug, launch, landing}.
    - \* **Related Answers:** E.g. [why does reading on a train make me sleepy]. Text modeling for snippet ranking with BERT++.
    - \* **Short Answers:** E.g. [what is the most abundant gas in venus]. Started cross functional effort between research and product engineering, jointly led subgroup, improved x% of Google Search and Assistant traffic.
    - \* **Play Store Search:** Image modeling for app search quality with ImageNet++. Generated +\$xxM revenue.
  - **Kaggle, but in Google:**  
2nd engineer for frontend/backend for our internal Kaggle website on Flex AppEngine, used by 20+ teams.  
Owned datasets for internal/external machine learning research (n\*100GB-m\*1PB)  
[github.com/google-research-datasets/wiki-reading](https://github.com/google-research-datasets/wiki-reading)
- **eBay** San Jose, CA  
*Software Engineer* 06/2013-06/2014
- **Language Technologies Institute at CMU** Pittsburgh, PA  
*Graduate Research Assistant* 2011-2013
- **Microsoft** Mountain View, CA  
*Software Development Engineer Intern* Summer 2011  
*Software Development Engineer Intern* Summer 2010
- **ITA Software (acquired by Google)** Boston, MA  
*User Interface Engineering Intern* Summer 2009
- **UC Berkeley Bioengineering, Professor Dan Fletcher** Berkeley, CA  
*Researcher @ Berkeley Bioengineering Summer Research Program* Summer 2008
- **Cisco Systems** San Jose, CA  
*Software Developer Intern* Summer 2006

## EDUCATION

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- **Carnegie Mellon University** Pittsburgh, PA  
*Master of Language Technologies* 2013  
*Bachelor of Science in Computer Science* 2011
- **The Harker School** San Jose, CA