

# MASON WILDE

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## WORK EXPERIENCE

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### Software Engineer

*Aug 2019 – Present*

Google - Chrome OS

Boulder, CO

- Refactored a Postscript Printer Description (PPD) file pipeline utilized by 20+ partner OEMs to add staging channels allowing rapid importing and testing of new PPDs with 90% less bugs reaching production
- Coordinated a 10+ engineer effort to upgrade, test, and triage a critical printing system daemon, completing the effort in half the time estimate
- Facilitated a 3-team, 40+ member effort to update and improve internal and external product documentation used by 1000+ open source developers
- Mentored 3 entry-level developers, assigning starting tasks, monitoring progress, and guiding the transition to full-time independent contribution
- Upgraded reporting infrastructure to incorporate in-depth printing and scanning analytics, ensuring data confidentiality, expediting user report handling and reducing triage and resolution efforts by 50%
- Led performance verification in an expedited kernel upgrade project by finding and addressing regressions, expanding automated testing, and ensuring performance standards improved, completing the project in 20% of the time needed for previous efforts
- Engineered an automated tool to optimize project coordination and enhance data security, reducing file structure creation time from hours to minutes, eliminating user error and insecure access-control lists

### Site Reliability Engineering Intern

*May 2018 – Aug 2018*

Google - Cloud Infrastructure

New York, NY

- Extended an infrastructure service for automating reactions to utilize distributed system techniques and load-balancing to manage configurations across over 1000 instances, increasing the user capacity of the service by a factor of more than 100
- Collaborated with 5+ teams across Google to expand a Go math utility library to improve exponential weighted moving average functionality for use in smoothing load reporting values from server tasks with infrequent, but taxing workloads, sourced by 50+ projects

### Engineering Practicum Intern

*May 2017 – Aug 2017*

Google - Protected Data Programs

Los Angeles, CA

- Designed machine learning algorithms and integrated private data systems in a Python environment, simplifying data access across 10+ sources, allowing developers to create and test models using real data, reducing iteration time by 80%
- Developed a command line tool to generate boilerplate code for experimental configuration files, reducing the time to create an experiment by a factor of 10

### Undergraduate Research Assistant

*May 2016 – May 2019*

Dr. Dongkyu Choi's Cognitive Control Systems Lab

Lawrence, KS

- Researched and implemented effects of emotion on creativity and goal completion within ICARUS cognitive control artificial intelligence agents

## EDUCATION

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### University of Kansas

*May 2019*

Bachelor of Science in Computer Science with Highest Distinction

Lawrence, KS

Chancellor's Scholar, Dean's List, Self Engineering Leadership Fellowship Cohort Lead, ACM Student President

## LANGUAGES AND TECHNOLOGIES

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**Languages:** C++, C, Go, Python, JS/TS, Haskell, HTML/CSS, LISP, BASH

**Technologies:** Linux, Sklearn, Tensorflow, Numpy, Pandas, Google Cloud, SvelteKit, Django, MongoDB, PostgreSQL