

## Dennis Zhou

US Citizen

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### EXPERIENCE

#### Cruise Llc.

*Staff Software Engineer*

San Francisco, CA

01/2023 - 07/2025

Software/Hardware co-design on future programs

Supported Linux development across Embedded Systems

Collaborated on ML training cluster efficiency targeting dataloader stragglers via resource isolation

#### Snowflake Inc.

*Senior Software Engineer*

San Mateo, CA

10/2021 - 01/2023

FoundationDB Performance/Storage Team

Prototyped an observability framework with prometheus and grafana on AWS

Contributed to blob storage management for unistore

#### Google Inc.

*Software Engineer*

New York, NY

04/2020 - 09/2021

Remote Flash Team

Focused on I/O efficiency across the Google storage stack

#### Facebook Inc.

*Software Engineer*

New York, NY

07/2018 - 04/2020

Kernel Team

Linux kernel contributor - percpu memory allocator, cgroups, btrfs

*Software Engineer Intern*

05/2017 - 08/2017

Kernel Team

Linux kernel contributor - percpu memory allocator

#### University of Wisconsin

*Research Assistant*

Madison, WI

01/2017 - 05/2018

Worked with the Microsoft Gray Systems Lab on Sqlserver telemetry on Azure

*Teaching Assistant*

09/2016 - 12/2016

CS 537 – Introduction to Operating Systems

### PROGRAMMING

**Proficient:** C, Python, Java

**Familiar:** C++, Golang, Perl

**Linux:** Tree-maintainer of Linux's percpu memory allocator since v4.19

<https://git.kernel.org/pub/scm/linux/kernel/git/dennis/percpu.git>

### EDUCATION

**University of Wisconsin**, Madison, WI

09/2016 - 05/2018

*Master of Science*, Computer Sciences, Overall GPA: 4.0

Advised by Professors Remzi and Andrea Arpaci-Dusseau

**Georgia Institute of Technology**, Atlanta, GA

08/2011 - 05/2014

*Bachelor of Science*, Computer Science, Major GPA: 4.0

Threads: Information Internetworking and Systems & Architecture

### ACTIVITIES

Enjoys outdoor activities including: snowboarding, golf, climbing, and tennis.

RPM Raceway Jersey City, NJ - **Fastest Lap Nov 2021**