

Dennis Zhou

US Citizen

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EXPERIENCE

Cruise Llc.

Staff Software Engineer

San Francisco, CA

01/2023 - Present

Software/Hardware co-design on future programs

Supporting Linux development across Embedded Systems

Working on ML training cluster efficiency targeting ray job stragglers via cpu scheduling

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, Java, Python

Familiar: C++, 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 Networking and Systems & Architecture

ACTIVITIES

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

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