

Parker Lougheed

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Github

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Software Engineer and Open Source Developer

A software engineer with lots of experience working in teams and in a variety of specializations with a passion for open source development and communities. Is particularly attracted to implementing and optimizing compilers and virtual machines, as well as the education and documentation of programming languages and computer science in general.

Outside of computer science, he has a passion for education of all types and moving pedagogy forward through technology. Also he is currently progressing as a Chinese learner, resulting in an interest in internationalization and increased inclusion in software development.

Education

University of Wisconsin - Madison | Spring 2020
Bachelor of Science in Computer Science

Minor

East Asian Studies

GPA

3.728/4.000

Employment and Projects

UW - Madison CS Department | Spring 2020

Intro to Computer Systems Peer Mentor

Working as a peer mentor - creating assignments, grading scripts, instructional videos, and helping students.

UW - Madison CS Department | Fall 2019

Computer Sciences Learning Center Peer Tutor

Worked as a tutor for introductory CS classes relating to Java, Python, OOP, data structures, and data science.

iD Tech Camps | Summer 2019

UW-Madison - Lead Instructor

Worked as the lead instructor teaching kids of various ages and levels programming and technological concepts.

SpongePowered | 2017 - 2018

Core Developer

Worked as a volunteer in my free time working on various Sponge projects, generally in Java, writing APIs, fixing bugs, modifying games, or writing documentation.

Skills

Programming Languages

Java, Dart, Kotlin, JavaScript, TypeScript, Swift, C, Python, C#, Rust, C++, Groovy, x86/MIPS/RISC-V Assembly

Frameworks and Libraries

Flutter, Angular, AngularDart, React, gRPC, OpenGL, JUnit, Netty, sl4fj, Guice, Guava, ASM

Tools and Software

Git, Unix, SQL, CI/CD, Gradle, Maven, Node, Decompilers, JetBrains Product Suite, GCP

General

Static Analysis, OOP, Documentation, Systems Programming, Project Management, Operating Systems, PL Design, Game Development, Open Source, Chinese, Rapid CPR, First Aid