

Parker Lougheed

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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 | 2017 - 2020
Bachelor of Science in Computer Science

Minor

East Asian Studies

GPA

3.771/4.000

Employment

Epic Systems | June 2020 - Present Software Developer

Working as a software developer creating a self service data analytics tool using C#, JavaScript, SQL generation, and MUMPS for integration with other databases.

UW - Madison CS Department | Spring 2020 Intro to Computer Systems Peer Mentor

Worked 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.

Skills

Programming Languages

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

Frameworks and Libraries

Solid, Svelte, Vue, Flutter, Angular, AngularDart, React, gRPC, OpenGL, JUnit, Netty, ASP.NET, Guice, Guava, ASM

Tools and Software

Git, Unix, SQL, CI/CD, Gerrit, SVN, Gradle, Maven, Node, Decompilers, JetBrains IDEs, Google Cloud, Visual Studio

General

Static Analysis, Compilers, OOP, Documentation, Systems Programming, Operating Systems, PL Design, Game Dev, Open Source, Chinese, Rapid CPR, First Aid