Harlan Jacob Iverson

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Work Experience

Aug 2018–present **Day Worker**, *X*, Mountain View, CA.
Work daily jobs such as landscaping, trench digging, moving, and bar tending. Also accept occasional multi-day/weekly crew jobs at festivals.

Apr 2014–Mar 2016 **Software Engineer**, *Y*, San Francisco, CA.
1. Created customer-facing analytics dashboard to aggregate and display charts based on real-time data from seven global regions.
2. Created and optimized a wire-compatible implementation of the backend analytics system to evaluate data pipeline technology, with budget contraint.
3. Designed and implemented distributed JS engine for co-located evaluation of customer code on real-time data streams.
Tech: Javascript, D3.js, Clojure, Java Flight Recorder, GNU/Linux, Kafka, Samza, Nashorn.

May 2011–Dec 2013 **Software Engineer**, *Z*, Mountain View, CA.
1. Created shared bonfire space using game engine that synced with Facebook Groups and animated events. Responsible for backend and frontend implementation, relying on remote team for some UI features.
2. Created an IoT device pairing flow and background registration and messaging system.
Tech: Java, Flex, MongoDB.

Jun 2003–Jan 2007 **Web Developer**, *W*, Saint Paul, MN.
Implemented full stack web application functionality for e-commerce and other interactive websites.
Tech: Java, PHP, MySQL.

1999–present **Open Source Software Maintainer**.
Continuous contributions to Open Source software and tech talks have been a means of professional growth since my early career; see Portfolio on website for details.
Tech: Java, Maven, Javascript, XMPP, PHP, Docker, RasPi, GNU/Linux.

Education

2008–2011 **Bachelor of Computer Science**, *U. of Minnesota*, Minneapolis, MN.
Completed B.S. degree in order to master data structures and algorithms before entering the Bay Area job market.

2005–2008 **MN Transfer Curriculum**, *MNSCU*, St. Paul, MN.
Completed mathematics prerequisites and lower division liberal education requirements for transfer to University of Minnesota.