

Joshua McKerracher

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[Github](https://github.com/mckerracher) - github.com/mckerracher

Boise, ID

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EDUCATION

Oregon State University

Bachelor of Science, Computer Science

Corvallis, Or

Expected June 2021

University of California, Santa Cruz

Bachelor of Arts, Philosophy

Santa Cruz, Ca

June 2010

EXPERIENCE

Micron Technology, Boise, ID

August 2014 – Present

Software Engineer

November 2020 - Present

Tested, released, debugged, wrote bug fixes, and monitored internally developed software. Professional experience with Perl, Python, C, C#, Bash, KSH, SQL, Quality Release Management, Extract Transform Load (ETL) process troubleshooting, [Splunk](#), [Thingworx](#), Microsoft SQL Server Management Studio, Oracle SQL Developer, Visual Studio, [Apache NiFi](#), [Apache Kafka](#), Azure DevOps, [OpsRamp](#), Red Hat Enterprise Linux 5/7, [OpenShift](#), and LDAP authentication.

Wet Etch Process and Equipment Technician

November 2015 – November 2020

Wet Etch Manufacturing Technician

August 2014 – November 2015

Student at U.C. Santa Cruz and various customer service roles

September 2005 - June 2014

U.S. Navy

August 2001 - May 2005

Aviation Machinist, Petty Officer, 3rd Class

- Maintained, inspected, and troubleshot F/A-18E/F and the E-2C Hawkeye aircraft engines and their related systems.

COMPUTER SCIENCE PROJECTS

The Backlog Website (Flask)

<https://thebacklog340.herokuapp.com/>

A website hosted on [Heroku](#) and created with the Python Flask framework that uses MySQL (ClearDB). This website was created for my databases course at OSU, and the database architecture can be found in the repo under SQL/report.pdf. The repository can be found here: https://github.com/mckerracher/340_Website.

Hash Map Spell Checker (C)

<https://github.com/mckerracher/HashMap-Spell-Checker>

A spell-checking application written in C that employs a hash map as its data structure.

Doubly Linked List (Java)

<https://github.com/mckerracher/Doubly-Linked-List>

An implementation of the doubly linked list data structure in Java. Includes all standard methods used in a doubly linked list along with an implementation of an iterator.

SKILLS

- **Languages:** C, C++, Java, JavaScript, Python, Perl, HTML5, CSS3, Bash, x86 MASM, SQL, Bash
- **Frameworks:** React, Django, Flask, Bootstrap, Node, Express, Jinja
- **Version Control, OS, & Others:** Git, GitHub, Bitbucket, Azure DevOps, Splunk, OpsRamp, RHEL5/7, OpenShift, Apache NiFi, Apache Kafka, ServiceNow