LIAM BECKMAN

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EDUCATION

Bachelor of Science, Computer Science; Oregon State University
Corvallis, OR   Expected graduation Fall 2019

Bachelor of Science, Biology; University of Oregon Presidential Scholar
Eugene, OR   Graduated June 2017

EXPERIENCE

liambeckman.com
JavaScript, HTML, CSS, Jekyll   github.com/lbeckman314/website

A website that presents a variety of my projects and software development tools, including:

- a self-hosted git server
- jenkins continuous integration service

The website and all projects are hosted on a personal single-board computer (Raspbian on RPi3 Model B).

biblioteca
MariaDB, JavaScript, HTML, CSS   github.com/lbeckman314/biblioteca

A relational database designed to store information of code sources.

withfeathers
Python, Flask   github/lbeckman314/withfeathers

Parses and selects a random poem by Emily Dickinson.

devilish
C   github.com/lbeckman314/devilish

A minimalistic shell for *nix operating systems.

matrix
Bash   https://github.com/lbeckman314/matrix

Conducts matrix operations such as multiplication, addition, and transposition.

NSF Funded REU Researcher—Genetics
University of Minnesota; Minneapolis, MN   May—August 2014; 40 hours per week
Conducted research involving botanical DNA isolation, purification, sequencing, and analysis; examined the effect of personally designed genetic markers had on a tropical tree's evolution/phylogeny; presented results and conclusions at the following scientific conferences:

- The 2015 Emerging Researchers National Conference in STEM hosted in Washington D.C.
- The 2015 University of Oregon Undergraduate Research Symposium
- The 2014 University of Minnesota Undergraduate Symposium

VOLUNTEER WORK

- Welches Elementary School: Developed reading and comprehension skills for elementary students as a STAR Reading voluteer.   November 2016— March 2017
- Multnomah Education Service District's Outdoor School Program: Served as a Student Leader in the Outdoor School Program by leading a cabin of twenty students per week and teaching the basics of ecology, zoology, and geology.   April 2011—October 2012