

# Jesse Dahl

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## Education

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### Montana State University

BS IN COMPUTER SCIENCE W/ MINOR IN MATHEMATICS  
GPA: 3.46

Bozeman, MT

August 2017 – May 2021 (Anticipated)

## Work and Research

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### Sellout

WEB DEVELOPER

- Helped work on Sellout's rebranded website
- Learned: how to work with a group of software engineers in a professional environment
- Tools and frameworks used: JavaScript, React, GraphQL

Bozeman, MT

August 2019 – December 2019

### Streamline Solar Stops

WEB DEVELOPER/HEAD OF DESIGN

- This is a project founded by students at MSU to upgrade the current Streamline bus system in Bozeman by integrating solar panels with each bus and upgrading the bus stops
- Designed and created their website
- Led a small group consisting of underclassmen who are currently contributing towards the website and software for this project
- Tools and frameworks used: React, JavaScript, Firebase

Bozeman, MT

August 2018 – August 2019

### Montana State University Psychology Research Assistant

IOS/APP DEVELOPER

- Creating an app for a psychology professor to create and send surveys to streamline his research
- Tools and frameworks used: Currently Swift, but will recreate in Flutter using Dart

August 2019 – Present

### Montana State University Statistical Learning Research

STATISTICAL LEARNING AND APPLICATIONS WITH MACHINE LEARNING

- Learned: how to apply statistical models to real world situations, use statistical methods to train data, and how to apply these methods to machine learning
- Focused on: creating and training decision trees, dendrograms, and partition clustering

January 2019 – May 2019

## Skills

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**Programming Languages:** Java, Python, JavaScript, Swift, Dart, C

**Technologies and Frameworks:** React, Flutter, Firebase, SQL, MongoDB, NodeJS, ExpressJS GraphQL, Git, GCP

## Personal Projects

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### Portfolio Website

A REACT BASED WEB APP USED TO HOST MY RESUME

React, JavaScript, Firebase

<http://jessedahl.me>

### Heli-Skiing Website

MY FIRST WEBSITE WHICH IS A MULTI-PAGED WEBSITE USED TO HOST A CLIENT'S HELI-SKIING BUSINESS

HTML, CSS, JavaScript, PHP

[www.jerrysheliskialaska.com](http://www.jerrysheliskialaska.com)

### GitHub Projects

I SPEND A LOT OF MY FREE TIME WORKING ON APPS AND PROJECTS THAT BUILD UPON MY SKILLS MORE SO THAN APPLYING MY SKILLS TO BIGGER PROJECTS. CHECK OUT MY GITHUB TO TAKE A LOOK AT WHAT I HAVE BEEN WORKING ON MOST RECENTLY

<https://github.com/jesse-dahl>

## Relevant Coursework

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Data Structures and Algorithms, Software Engineering, Computer Science Theory, Concepts/Programming Languages, Discrete Structures, Calculus I-IV, Intro to Linear Algebra,