# Jesse **Dahl**

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## Education

**Montana State University**                                                                                             *Bozeman, MT*
BS IN COMPUTER SCIENCE W/ MINOR IN MATHEMATICS                                      *August 2017 – May 2021 (Anticipated)*
GPA: 3.46

## Work and Research

**Sellout**                                                                                                                           *Bozeman, MT*
WEB DEVELOPER                                                                                              *August 2019 – December 2019*
- 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

**Streamline Solar Stops**                                                                                             *Bozeman, MT*
WEB DEVELOPER/HEAD OF DESIGN                                                                     *August 2018 – August 2019*
- 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

**Montana State University Psychology Research Assistant**
APP/WEB DEVELOPER                                                                                          *August 2019 – Present*
- Creating an app for a psychology professor to create and send surveys to streamline his research
- Tools and frameworks used: Dart/Flutter for mobile app and React/NodeJS/MongoDB for web app

**Montana State University Statistical Learning Research**
STATISTICAL LEARNING AND APPLICATIONS WITH MACHINE LEARNING                    *January 2019 – May 2019*
- 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

## Skills

**Programming Languages:**     Java, JavaScript, Python, Dart, Swift, C
**Technologies and Frameworks:** React, NodeJS, MongoDB, Flutter, Firebase, Git, GCP

## Personal Projects

**Portfolio Website**                                                                                  *React, JavaScript, Firebase*
A REACT BASED WEB APP USED TO HOST MY RESUME                                                        *http://jessedahl.me*

**Blog**                                                                                                   *HTML, CSS, NodeJS, MongoDB*
A COOKIE-CUTTER BLOG THAT I CREATED AS A SIMPLE PROJECT TO APPLY MY KNOWLEDGE ON NODEJS AND        *https://frozen-bastion-*
MONGODB                                                                                                      *40013.herokuapp.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   *https://github.com/jesse-dahl*
ON MOST RECENTLY

## Relevant Coursework

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