

MATTHEW BONSALL

He/Him ◇ Mountain View, CA

678-908-1996 ◇ mvb0005@auburn.edu ◇ github.com/mvb0005

EXPERIENCE

Humu

Full Stack Software Engineer

Mountain View, CA

September 2019 - Current

- Developed, tested, and deployed React JS and Python code as part of a fast paced team
- Collaborated cross-functionally with People Scientists, Designers, and the Customer Success team
- Built and scaled cloud based SAAS infrastructure to support more than 100K users globally
- Improved text search speed 100x by building an ElasticSearch Cluster
- Managed and mentored multiple interns who received return offers
- Implemented differential privacy logic to protect the privacy of survey responses while providing useful metrics for customers
- Participated in code review process as both reviewer and reviewee
- Helped scale the Engineering team from 10 to 25

Vertafore, Inc

Software Engineer 2

Denver, CO

November 2018 - May 2019

Software Engineer 1

July 2018 - November 2018

- Demonstrated outstanding technical and leadership abilities resulting in a promotion to Software Engineer 2 in *record time*
- Mentored team on best practices and difficult coding problems
- Designed and built integrations between enterprise products
- Created automation tools that saved developers hundreds of hours of work
- Led team to victory over 20 teams in company hackathon
- Successfully demonstrated a strategy to migrate legacy software to AWS and Azure

Auburn University

Research Assistant for Dr. Gerry Dozier

Auburn, AL

September 2017 - May 2018

- Created a general regression neural network that could determine authors and recipients given a collection of correspondence
- Generated feature vectors from text correspondence using Python

EDUCATION

Auburn University, Auburn, AL

B.E. in Software Engineering

Academic Common Market Scholarship (2016 - Graduation)

Academic Founders Scholarship (2014 - Graduation)

Graduation: May 2018

TECHNICAL STRENGTHS

Computer Languages

Python, JavaScript, C#, Java

Frameworks & APIs

React, GraphQL, RESTful

Databases

ElasticSearch, Postgresql, MongoDB

Cloud Providers & Tools

GCP, Azure, AWS, Postman, Git, VSCode