

# MATTHEW BONSALE

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## EDUCATION

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### Auburn University, Auburn, AL

*Graduation: May 2018*

B.E. in Software Engineering

Academic Common Market Scholarship (2016 - Graduation)

Academic Founders Scholarship (2014 - Graduation)

## EXPERIENCE

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### Vertafore, Inc

November 2018 - May 2019

*Software Engineer 2*

*Denver, CO*

- Mentored Team on Best Practices and Difficult Coding Problems.
- Participated in Code Review Process as both Reviewer and Reviewee.
- 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 Corporate Hackathon by Completing an Enormous Project in just 18 hours.

### Vertafore, Inc

July 2018 - November 2018

*Software Engineer 1*

*Denver, CO*

- Promoted in Record Time after demonstrating Technical and Leadership abilities.
- Worked as a member of an Agile Scrum Team to define Technical Solutions that meet Business Requirements.
- Designed, Developed, Tested, and Debugged Heavily Trafficked Enterprise Applications.
- Successfully Demonstrated a Strategy to Migrate Legacy Software to AWS and Azure.

### Auburn University

September 2017 - May 2018

*Research Assistant for Dr. Gerry Dozier*

*Auburn, AL*

- Created a General Regression Neural Network that could Determine Authors and Recipients given a Collection of Correspondence.
- Used Python to develop Feature Vectors from text correspondence.

### Auburn Facilities Management

January 2018 - May 2018

*Software Programmer*

*Auburn, AL*

- Created a Web Application and Adobe Navisworks plugin to allow users to easily Create, Read, Modify, and Delete Safety Information for Facilities.
- The Navisworks plugin used C# to make calls to our RESTful API using JSON.
- Made Heavy Use of JavaScript and Python Flask in Application and API Development.

## TECHNICAL STRENGTHS

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### Computer Languages

C#, Python, JavaScript, Java

### Protocols & APIs

GIT, JSON, RESTful, XML

### Databases

MySQL, MongoDB, ElasticSearch

### Tools

Kibana, LaTeX, AWS, Azure, Postman, Fiddler