MATTHEW BONSALL

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EDUCATION

Auburn University, Auburn, AL   *Graduation: May 2018*
B.E. in Software Engineering
Academic Common Market Scholarship (2016 - Graduation)
Academic Founders Scholarship (2014 - Graduation)

EXPERIENCE

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 Vertafore Hackathon by completing an enormous project in just 18 hours

Vertafore, Inc   July 2018 - November 2018
Software Engineer 1   *Denver, CO*

· Demonstrated outstanding technical and leadership abilities resulting in a promotion to Software Engineer 2 in *record time*
· 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
· Generated feature vectors from text correspondence using Python

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
· Developed a C# Adobe Navisworks plugin to make RESTful API calls using JSON
· Deployed a Javascript and Python Flask web application and API for use by university officials.

TECHNICAL STRENGTHS

Computer Languages	C#, Python, JavaScript, Java
Protocols & APIs	GIT, JSON, RESTful, XML
Databases	MySQL, MongoDB, ElasticSearch
Tools	Kibana, LaTeX, AWS, Azure, Postman, Fiddler