

David Sasser

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EXPERIENCE

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|---|---------------------|----------------------------|
| Research Assistant | LSU | Jan 2019 – Sep 2019 |
| <ul style="list-style-type: none">Assisted in the development of a low-shot technique in which to categorize satellite imagery | | |
| Consultant I | Fenway Group | Jan 2018 – Sep 2018 |
| <ul style="list-style-type: none">Developed, tested, and maintained an application as a consultant for Salt Lending, Inc.Performed code reviews for team to ensure code quality, maintainability, and scalabilityLed and mentored a team of eight associates to implement designs and solutions to technical requirements given by the clientPresented status updates and demonstrated functionalities of projects to the client every two weeks | | |
| Associate Consultant | Fenway Group | May 2015 – Mar 2017 |
| <ul style="list-style-type: none">Developed, tested, and maintained multiple applications as a consultant for CenturyLink, Inc.Supported team of developers and completed stories by agreed upon deadlines | | |

PROJECTS

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|--|---------------------------|
| Google Landmark Retrieval 2020 Competition | Personal |
| <ul style="list-style-type: none">Developed scripts for data-preprocessing on a dataset of over 1.5 million imagesUsed transfer learning to train a ResNet50 and a ResNet101 base modelEarned a score in the top 41% of the competition<u>Utilized</u>: Python, Tensorflow, Numpy, Matplotlib | |
| Powerbomb Productions | Freelance |
| <ul style="list-style-type: none">Developed a blog and forum style web application using Node/ExpressResponsible for the all of the design and architecture of the web application<u>Utilized</u>: Node.js, Express, PostgreSQL, HTML/CSS, Handlebars, Bootstrap, JavaScript, Git | |
| Document Word Frequency Website | Ph.D. Coursework |
| <ul style="list-style-type: none">Developed a web application using Node/Express for users to upload documents and determine word frequenciesDesigned and developed secure user authentication methods using JWT<u>Utilized</u>: Node.js, Express, PostgreSQL, HTML/CSS, JavaScript, Python, JWT, Git | |
| Salt Lending Store | Salt Lending, Inc. |
| <ul style="list-style-type: none">Developed an eCommerce website using WordPress and PHPUsed Amazon Cognito to develop secure user sign-up and sign-in methods<u>Utilized</u>: WordPress, PHP, MySQL, AWS, HTML/CSS, JavaScript, Git, Cypress | |
| Infotree | CenturyLink, Inc. |
| <ul style="list-style-type: none">Developed all layers of a web application utilizing the Django framework for managers to view relational data using graphs and tablesIntegrated Neo4j's UI to show relationships between data more clearly<u>Utilized</u>: Django, Python, MongoDB, HTML/CSS, JavaScript, Neo4j, Git | |

EDUCATION

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|---|------------------------|
| Louisiana State University | Baton Rouge, LA |
| Completed work towards Ph.D. Computer Science | Jan 2019 – Sep 2019 |
| <ul style="list-style-type: none">Cumulative GPA: 3.67 | |
| Louisiana Tech University | Ruston, LA |
| B.S. Mathematics | Sep 2014 – Nov 2017 |
| <ul style="list-style-type: none">Minor: Computer ScienceCumulative GPA: 3.5 | |

SKILLS

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|------------------------|---|
| Languages: | Python, JavaScript, TypeScript, Java, PHP, BASH, HTML/CSS, SQL |
| Databases: | PostgreSQL, MySQL, MongoDB |
| Technologies: | Git, Unix Systems, Node.js, React, WordPress, Tensorflow, Numpy, JWT, AWS |
| Certifications: | Professional Scrum Developer I |
| Other: | Agile Methodologies (Scrum) |