

# Rex H. Oliver

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## Full Stack Engineer

I am a purpose-driven Full Stack Engineer with a passion for solving difficult problems through technology. I focus on building web applications, reducing redundancy through automation, and developing robust enterprise-grade software. Working in fast-paced and frequently changing environments has given me the opportunity to use my broad expertise in all levels of the software stack.

## TECHNOLOGIES

React.js	.NET / C#	SQL	Git
Node.js	ASP.NET	Python	AWS
Knockout.js	Java	Azure	PowerShell / Bash

## WORK EXPERIENCE

### Software Engineer

#### Capgemini SE

Columbia, SC

August 2021- Present

- ◆ Successfully led the migration and upgrade of a Consumer Products Company's MSDGen application with multiple endpoints from start to finish. Demonstrated expertise in scripting languages, Windows administration, and SQL to ensure a smooth transition to the updated software.
- ◆ Developed and supported mission-critical applications for a major defense company, utilizing .NET and ASP.NET technologies.
- ◆ Interacted with the Defense Company's stakeholders to determine their needs, create tickets, and develop solutions to organizational issues.

### AI Researcher

#### Clemson University

Clemson, SC

Fall 2019-Spring 2020

- ◆ Collaborated with the University's Applied Sciences Lab and the Clemson Football team to capture and analyze real-time player speed data using Catapult software integrated into players' padding.
- ◆ Designed and implemented a Lambda Function in Node.js to seamlessly transfer Catapult data from Box to a database hosted in AWS S3. We used my knowledge of IBM Watson and R to clean and analyze the data.

### Software Engineer Intern

#### Softdocs

Columbia, SC

Fall 2019-Spring 2020

- ◆ Worked on an Agile team in front-end development of an interactive form-building application. Developed new features using the Aurelia and Knockout.js frameworks.
- ◆ Assisted the DevOps team using C# and .NET to repair failing build systems.

### School of Computing Student Ambassador

#### Clemson University

Clemson, SC

Spring 2019-Spring 2020

- ◆ Hosted prospective students and families on tours and provided a thorough introduction to the school, degree programs, and research labs.
- ◆ Led tour groups of up to 90 people with a presentation and walk-through of the School of Computing.

## EDUCATION

### Clemson University

Bachelor of Science in Computer Science GPA: 3.6/4.0

Clemson, SC

August 2017 – May 2021

## AWARDS, CERTIFICATIONS AND ORGANIZATIONS

Microsoft Certified: Azure Developer Associate

April 2022

Microsoft Certified: Azure Fundamentals

September 2021

Phi Gamma Delta International Fraternity

Fall 2017-Present