**ALEXIS J. CARR, M.S.**

**Backend Software Engineer**

acarr59@gmail.com  (936)499-2795



alexisjcarr.com  [LinkedIn](http://linkedin.com/in/alexis-j-carr)



**WORK EXPERIENCE**



Backend Software Engineer II

**Eventbrite**

 June 2021 - current  Nashville, TN

Backend Software Engineer I

**Eventbrite**

Dec 2019 - June 2021 Nashville, TN



* Co-leads Eventbrite's Architecture Guild, a biweekly meeting that hosts presenters on a myriad of company-relevant tech/architectural topics
* Collaborating on efforts to break up and modernize the event service
* Led initiative to design modernized cloud-native solutions for both data persistence and caching
* Advocatedmessaging for a cloud-native solution for pub/sub and asynchronous
* Led team effort to shift left and take over deploying the structured content service from the release engineering team
* Started the Engineering Superheroes Task Force, an initiative to ensure diverse and inclusive recruiting and hiring practices in the engineering organization
* Automated several QA and data cleanup processes with scripting
* Writes, designs, and maintains backend features and services

Software Developer (volunteer)

**Code for BCS**

Oct 2018 - Jul 2019 College Station, TX



* Part of team building a text app through which local citizens can receive relevant citation and court
* Collaborated with 2+ team members to create the application
* Express | Node | PostgreSQL | Twilio | Heroku

Graduate Research Assistant

**Texas A&M University**

|  |  |  |  |
| --- | --- | --- | --- |
| Aug 2017 - May 2018 | | College Station, TX |  |
| · | Assisted in programming redaction software to scrub PHI from | |  |
| · | unstructured medical records text | |  |
| Customized the star schema of a published and successful biomedical | |  |
| · | informatics data warehouse for | |  |
| Python | MySQL |  |  |



Nashville, TN



[Github](http://github.com/alexisjcarr)



**EDUCATION**



Master of Science (MS)

Medical Sciences

**Texas A&M University**

 2016 - 2019

Bachelor of Science (BS)

Biomedical Engineering

**University of Houston**

 2011 - 2016

**SKILLS**



Industry Knowledge: Amazon Web Services (AWS), Systems Design, Microservices

Languages: Python, Kotlin, Java, Golang, JavaScript/TypeScript, HTML/CSS, C++

Platforms & Frameworks: Kubernetes, Docker, Node/Express, Micronaut, Spring Boot, MATLAB

Tools: Git, Terraform

Databases: SQL (MySQL, PostgreSQL),

NoSQL (DynamoDB, Elasticsearch)

**CERTIFICATIONS**



AWS Certifed Solutions Architect – Associate

AWS Certifed Cloud Practitioner