

# Daniel Lohr

**Objective:** Currently seeking a full-time Software Engineering position where I can apply my coding and interpersonal skills to build effective software solutions.

1279 Eastland Rd. SE  
Atlanta, Georgia, 30316  
(561) 542-3788  
[danlohra@gmail.com](mailto:danlohra@gmail.com)  
[github.com/lohrd](https://github.com/lohrd)

## RELEVANT EXPERIENCE

### Muser, Spotify API Native App — *Full Stack Dev.*

MARCH 2020 - PRESENT

- Developing a native mobile application that utilizes Spotify's API to create a swipe-based music discovery tool
- Working with React Native, TypeScript, Express, and Postgres to create and maintain full stack architecture
- Leveraging Spotify's recommendation algorithms and deep audio feature data to craft a unique and personalized user experience

### Serratus, Coronavirus Homology Search — *Full Stack Dev.*

APRIL 2020 - PRESENT

- Designing the front-end of Serratus, an ultra-deep Coronavirus homology search tool hosted on AWS' Cloud Computing
- Utilizing Vue and TailwindCSS to execute a streamlined website
- Collaborating and tracking issues via GitHub, organizing build deployments to GitHub pages via AWS S3

## WORK EXPERIENCE

### Swamp Head Brewery — *Bar Manager, Research Assistant*

MAY 2018 - DECEMBER 2019

- Oversaw daily bar operations, maintaining direct responsibility for guest satisfaction and financial operations
- Designed and successfully tested a qPCR strategy for isolating hop resistant genes in beer-spoilage microbes

### University of Florida - IFAS — *Junior Bioinformatician*

NOVEMBER 2016 - MAY 2018

- Created next-generation sequencing pipelines to curate raw DNA read data from Illumina sequencing via Unix/R/Python
- Utilized variant calling software to generate single nucleotide polymorphism data for different populations of plants
- Communicated data analyses with team for paper publication

## SKILLS

### Programming Languages

Javascript, TypeScript, HTML, CSS, SQL, Bash, Python, R, C#

### Libraries & Frameworks

React, React Native, Redux, Node, Express, TailwindCSS, MatUI, Vue, Gatsby, TypeORM, .NET Core, EF Core

### Miscellaneous

Postgres, AWS, Docker, REST, Agile, Scrum

## EDUCATION

### University of Florida

2013-2017 - Gainesville, FL

Bachelor of Science in Biology  
Specialization in Biotechnology  
Minors in Bioinformatics & Philosophy

## PUBLICATIONS

"Cost-effective detection of genome-wide signatures for 2,4-D herbicide resistance adaptation in red clover" - Juliana Benevenuto, Mehul Bhakta, Daniel A. Lohr, et. al.

## INTERESTS

Touring Musician (Just Neighbors),  
Recording and Mixing Engineer, Golf