

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.

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RELEVANT EXPERIENCE

Muzer, 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 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
- 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, REST, Agile, Scrum, Docker

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