

# ALEXANDER CURNOW

SOFTWARE ENGINEER



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## PROFESSIONAL SUMMARY

My introduction to software development was initially sparked by my band's manager, who has been a developer for 15 years. The things he could do blew my mind. I'd always have twenty questions for him, but never really understood his answers. I didn't take action on my own learning until two friends of mine (Nashville Software School alumni!) encouraged me to follow in their footsteps. A few Codecademy and Udemy courses later I applied to NSS hungry to learn more, and I'm so glad that I did. For me, the most enticing aspect of being a software engineer is that the learning is truly endless! Wearing my nerd on my sleeve here, but the problems are like games for which the developer needs to create and cast spells in order to solve. I'm always looking forward to the next challenge, and for the first time in a long time I no longer dread the end of the weekend because programming is just that cool!

## EDUCATION

Nashville Software School  
Full Stack Software Developer

Longy School of Music  
Masters in Modern American Music

University of Rhode Island  
BS in Marketing  
BA in Jazz Studies

Proficient in Spanish language

## SOFTWARE EXPERIENCE

### Nashville Software School

#### Group Projects

##### *Nutshell*

A dashboard app that helps users keep track of their daily tasks, events, news articles, friends, and chat messages.

- Created a flat-structured database in which to store user data
- Utilized JSON Server to host a REST API and make fetch requests
- Populated relevant data based on user interaction
- Read user input through various forms, re-rendering application on form submit to reflect changes in database
- Handled user-generated and custom events
- Implemented relational data for more robust functionality
- Leveraged GitHub to optimize remote team workflow

##### *Remotely*

A travel app that allows users to build itineraries for their trips to US national parks.

- Utilized multiple third party APIs to fetch data with which the user would interact while building their itineraries (national park info, weather, attractions)
- Designed app to be experienced in an easy step by step manner to create as little friction as possible for the end user experience
- Defined specific psychographic parameters for our ideal user and designed the app around their wants and needs

#### Solo Projects

##### *Cativity*

A cat activity tracker that helps users stick to a regular playtime routine with their pet, resulting in a happier, healthier, and more predictably calm cat.

- Built with React JS
- Focused on a mobile responsive design in order to practice component state management in a limited display area
- Utilized third party dependencies like Cloudinary (for image upload), and Material UI for layout and design

## Prior Work Experience

### Bar Manager

*Bajo Sexto Taco | Nashville, TN*

5/18 - 2/20

- Leader of three person bar tending team
- Tracked & ordered inventory for entire bar
- Worked with manager, sales reps, and distributors to identify cost saving opportunities
- Assisted and supported front of house with orders and food running
- Assumed role of shift leader as needed, including all associated closing responsibilities (counting and closing the register, preparing the deposit, filling out end of day sales reports)