

AMBER GOOCH

Software Developer

PROFILE

Although my journey into software development was not a straight-forward one, I have always been fascinated by the ability to create with code. Everyday, I rediscover how challenging, yet fun, writing code can be. One of the most enthralling aspects of software development is that it sits at the intersection of the creative and the analytical. Oftentimes, I have been surprised to find unexpected connections between the two. There is an immensely satisfying and fulfilling reward to finding the solution to a problem that first seemed unsolvable. Amid the challenging, and often frustrating, aspects of coding is the prospect of honing my natural talent to take a logical, analytical approach to problem-solving while incorporating my creative skills.

PROJECTS

CROWDSOURCE

CrowdSource is a single-page web application built primarily with React JS. It is a location-based social jukebox app for making single use collaborative playlists, utilizing the Spotify Web API and Web Playback SDK, and Mapbox GL JS.
github.com/ambergooch/jukebox

CONTACT

✉ agooch91@gmail.com

🌐 [linkedin.com/in/amber-gooch/](https://www.linkedin.com/in/amber-gooch/)

🐙 github.com/ambergooch

📞 731-217-7640

EDUCATION

NASHVILLE SOFTWARE SCHOOL

Full Stack Software Development bootcamp
May 2019 - present

UNIVERSITY OF TENNESSEE, KNOXVILLE

Biochemistry and Molecular Biology, Post-baccalaureate
2014 - 2015

EMORY UNIVERSITY

Bachelor's Degree, Anthropology
2009 - 2013

PROFESSIONAL EXPERIENCE

NASHVILLE SOFTWARE SCHOOL

FULL STACK SOFTWARE DEVELOPER | MAY 2019 - PRESENT

Intensive full-time, six-month web development bootcamp that focuses on the skills and technologies required to become a full-stack software developer.

- Source code version control with Git/GitHub and project managing tracking with Github Projects
- JavaScript fundamentals using DRY, modular, readable code and reusable components
- React, HTML, CSS built browser-based single-page applications
- Hands on application of Object Oriented Programming fundamentals
- Group and individual projects reflecting real world team dynamics and problem solving
- Experience using Bootstrap and Semantic UI to style web applications
- Leveraged Django to create server-side Python web applications
- Experience utilizing raw SQL queries to interact with the database

GROUP PROJECTS

NUTSHELL

- Collaborated with 2 teammates to create a single-page social platform that allowed users to organize news articles, events, tasks, and chat with other users
- Utilized React JS and JSON server for persistent data storage
- Implemented user-specific CRUD functionality for the chat module

WELCOME TO NASHVILLE

- Collaborated with 3 teammates to create an itinerary builder that allows users to search for parks, restaurants, meetups, and concerts
- Utilized external APIs to populate itinerary data
- Focused on principles of code modularization, building and manipulating DOM components, and handling user events

AMERICAN RED CROSS

MANUFACTURING LABORATORY TECHNICIAN II | 2015 - 2019

- Manufactured, stored, and distributed blood products/samples according to applicable FDA, AABB, CLIA, NRC and Red Cross policies and procedures.
- Performed and interpreted various testing procedures on blood products for patients use at area hospitals
- Performed data entry and operated the computer programs associated with component production, labeling, storage, and shipping.
- Analyzed and made decisions based on visual inspection and information provided from other departments to meet time requirements and quality standards.

JACKSON OB/GYN ASSOCIATES, P.C.

MEDICAL RECORDS SPECIALIST | 2008 - 2011

- Ensured patient health information documents are scanned correctly, filed appropriately, and batches are closed out properly into the electronic health record
- Responded to medical record requests from external agencies
- Ensured medical record requests are properly logged and invoiced to appropriate agencies
- Performed a variety of administrative duties including but not limited to: answering phones; faxing and filing of confidential documents; and basic Internet and email utilization.

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