

HENRY NEAL

SOFTWARE ENGINEER

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Skills

Responsive Design

JavascriptES6/5
CSS3/SASS/LESS
HTML5
React/Redux
jQuery

Other Technologies

Git/Version Control
Express.js
Node.js
PostgreSQL
TDD/BDD
Building and Integrating REST APIs
Python
C/C++
MySQL
AWS
Data Structures/Algorithms
System Design
Ruby on Rails
SQLite
JUICE/DSP

Adaptive and ready to take any task head on.

Outgoing, focused and a quick learner.

Timely, resourceful, compassionate and able to troubleshoot conflicts.

Ready to innovate, lead and make an impact with my work.

Projects

BookMaps	Mar. 2019 to Apr. 2019
<ul style="list-style-type: none">• Allows users to sign up/in and connect with users in their area to checkout and loan books• Using OAuth and Passport.js authentication, sign in with Google and Facebook Strategies• In-app messaging between users• Worked with a team of 5 engineers for 5 weeks across the entire stack• Front End tech used: React, Redux, Styled Components• Back end tech used: Node, Express, OAuth, Custom REST API, 3rd Party APIs including Stripe, PostgreSQL	
State Variable Filter Plug-In	Jan. 2019
<ul style="list-style-type: none">• Design a simple GUI with High, Low and Bandpass menu options• Utilized the DSP Module in JUCE• Built a single-band EQ in C++ in the JUCE framework to function across multiple operating systems	
Lambda Notes	July 2019
<ul style="list-style-type: none">• Take your notes to the next level!• Single Click Authentication with Github/Passport• Backend architecture built using Node, Express, MYSQL and AWS• Frontend architecture built using React, Hooks, Conflux, and Styled Components	
Supp2u	Aug. 2019 to Sept. 2019
<ul style="list-style-type: none">• Built with Rails, React, Hooks, Redux, AWS, Stripe and Auth0• Full stack testing with rspec and enzyme• Users can create a business account and upload their photos, hours of operation and have reviews posted to their profile• Users can create a customer account and review eateries, find new venues to try and upload their photos of their adventures	

Education

Appalachian State University B.S. Music Industries Studies 2017 Minor in General Business Concentration in Recording and Production	May 2013 to May 2017
Lambda School Computer Science	Nov. 2018 to June 2019
<ul style="list-style-type: none">• Followed agile development and Git work-flow methods, submitting all projects on time as feature complete MVPs.• Developed applications using HTML, CSS, JavaScript, React, Redux, Node, Express, SQLite3, Python, Django and C.• 30 weeks of hands on, fast paced, intensive experience shipping, testing, pair programming, and debugging code.• Performed regular code reviews and worked collaboratively with full stack teams.• Studied algorithms, data structures, computer architecture and system design.	

Employment

Lambda School <i>Team Lead</i>	Remote Feb. 2019 to Current
Fulfilled the role of a team leader for a group of 8 students. Activities included: <ul style="list-style-type: none">• Ensuring daily attendance and participation in the curriculum• Review of challenges in popular languages & frameworks such as HTML, CSS/LESS, JS, React, etc.• Provided 1:1 retrospective feedback and code review on a daily basis and planned students progress throughout the week• Resolved conflicts and personal issues through remote working tools such as Slack & Zoom• Supported instructors through daily lectures by answering student questions and providing resources for detailed solutions.	
The Orange Peel <i>Production Intern</i>	Asheville, NC Jan. 2018 to Current
<ul style="list-style-type: none">• Lighting design and rigging• Stage management• Audio Engineering (FOH and Monitors)	
The Eagle Room <i>Audio Engineer</i>	Asheville, NC Jan. 2018 to Current
<ul style="list-style-type: none">• Tracking, editing, mixing and mastering client sessions• Infrastructure updates and installations• Served as an A1 on a local film production series	
Schaefer Center for the Performing Arts <i>Stage Technician, Audio Engineer</i>	Boone, NC Jan. 2014 to May 2017
<ul style="list-style-type: none">• Rigging, focusing and striking of lights / spot op experience• Operating audio and lighting consoles• Stage managing• Video/Projector Setup and Playback	
Robert F. Giley Studios <i>Studio Manager</i>	Boone, NC Jan. 2017 to May 2017
<ul style="list-style-type: none">• Ran weekly booking sessions and workshops, coordinated outside engineers to teach seminars• Tracked, edited, mixed and archived client and concert recordings• Installed, maintained and repaired all areas of studio infrastructure• Administrative operations	
Top of the Monk <i>Barback/Prep Cook</i>	Asheville, NC Apr. 2018 to Nov. 2018
<ul style="list-style-type: none">• Responsible for the daily preparation of syrups, bitters, tinctures and other ingredients• Crafted cocktails and served customers regularly• Ensured the safety of patrons and kept bar/social area spotless• Ran transactions for customers and performed light bookkeeping	