

NICK POOL

Full-Stack Software Developer

@ nicholaspool@gmail.com
www.nicholaspool.com/

785-342-1031
www.linkedin.com/in/nick-pool

Seattle, WA—seeking position in North Carolina
github.com/npool1



EXPERIENCE

Pacemakr

Pacemakr is an app that allows users to search the Spotify music library by tempo and genre and ultimately generate a customized playlist, ideal for running or other tempo specific exercises. Pacemakr sends JSON data back to the user's Spotify account, allowing the user to access their new playlist within whichever Spotify platform they choose.

Contributions:

- Conceived and pitched initial concept for application
- Recruited and assembled development team
- Collaborated on designing and implementing work flow and version control methodologies
- Lead development of front end design
- Designed and coded all major front end elements

Technologies Utilized:

- JavaScript, Express, Node.js, Bootstrap, Spotify API

Vroom

Vroom is a CRUD application that enables users to easily track and record information about their vehicle's maintenance. It allows them to easily schedule preventative maintenance as required, as well as create a thorough maintenance record for future service technicians or owners.

Contributions:

- Managed version control and reviewed all commits before going into production
- Lead database design and implementation
- Designed development time line and workloads for development team; identified appropriate work for each team member's skill set and existing workloads

Technologies Utilized:

- JavaScript, Express, Angular, MongoDB, Materialize, Google API

Mexican Train Dominos

This is an interactive web based version of the standard 91 tile domino game. Our platform allows users to play the game with players from all over the world and maintain game state and scoring.

Contributions:

- Designed and implemented OOP methodologies for all game elements
- Made recommendations for use of prescribed technologies that were eventually utilized for game production
- Worked with design team to develop and optimize UI/UX

Technologies Utilized:

- Python, Django, MongoDB, Angular

TECHNICAL SKILLS

Programming Languages

Python JavaScript TypeScript

Databases

MySQL SQLite NoSQL (MongoDB)

Front End Development

JQuery AJAX HTML CSS
Bootstrap

Frameworks/Methodologies

Django Angular 4/5 Express
Node.js Flask OOP MVC
RESTful Architecture

Software/Dev Tools

Git/GitHub AWS EC2 VS Code

EDUCATION

Coding Dojo—Bellevue, WA

Certificate of Completion

2018

- Full stack courses in JavaScript, Python & Java
- Completed over +1000 hours of hands on coding experience

University of North Carolina Greensboro

M.M. in Saxophone Performance

2009 – 2011

- Graduate Teaching Assistant for the Miles Davis Jazz Studies Program
- Recipient of Summer Graduate Student Research Grant (2010)— supported private study with Jazz great, Branford Marsalis
- Instructor of record for over 150 undergraduate students— taught courses in Jazz Appreciation, Aural Skills, and Jazz Piano

Kansas State University

B.M.E in Music Education

2004 – 2008

- Graduated Cum Laude