

Ryan Kooy

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LinkedIn: <https://linkedin.com/in/ryan-kooy>

Github: <https://github.com/ryankooy>

Portfolio: <http://RyanKooyDev.com>

Summary

Full Stack Software Developer with a focus in Python and a professional background in both Graphic Design and Staff Management who exhibits keen attention to detail in addition to high productivity through rapidly flexible learning.

Intuitive problem-solver who is committed to providing thorough, high-quality results and producing value through creative ideas.

Motivated collaborator who thrives in project team environments as well as in independent tasks.

Technical Skills

Programming: Python, C/C++, C#/.NET, Lua, Git, SQL, Bash

Database Management: MySQL Server, PostgreSQL, MongoDB

Web Development: HTML5, CSS3, JavaScript, React, jQuery, Node.js

Web Deployment: Heroku, Express.js, Netlify

UI: Bootstrap, Sass, UIKit, PyQt5

Project/Issue Tracking: GitHub, Jira

Libraries: ctypes, Matplotlib, NumPy, pandas, scikit-learn, pyinstaller, psycpg2

Editors/Environments: VS Code, Visual Studio, MySQL Workbench, Microsoft Office, Google Docs/Sheets/Slides

Communication Tools: Slack, Zoom, TeamViewer

Some Experience With: Java, VBA, PHP, Rust, XML, Docker

Relevant Experience

Triangle On Tap | Back End Developer

GitHub: <https://github.com/ryankooy/project3>

Demo: <https://still-ocean-39852.herokuapp.com/>

A web application for finding and researching the best breweries in the Triangle region of North Carolina.

Role: My core responsibilities entailed constructing the complete functionality of the Google Maps feature, some database work, and UI edits using React.

Utilized: JavaScript, React, Node.js, Express.js, MongoDB, Maps JavaScript API, OpenBreweryDB API

Google Books Search with React | Full Stack Developer

GitHub: <https://github.com/ryankooy/googlebooks-search>

Demo: <https://ancient-thicket-94532.herokuapp.com/>

A website that allows a user to search their favorite Google Books using a streamlined, easy-to-use interface.

Utilized: JavaScript, React, CSS, Node.js, Express.js, Google Books API

Bamazon | Back End Developer

GitHub: <https://github.com/ryankooy/bamazon>

A Node.js app that lets users manipulate a mock store and inventory within the command line, while the associated data is stored in a MySQL database.

Utilized: JavaScript, Node.js, Inquirer.js, MySQL

Professional Experience

Independent Contractor, Remote and Burlington, NC

2/2020 – Present

Python Developer

Developing software for Select Laboratory Partners.

Technologies used: Python, C/C++, ctypes, Matplotlib, NumPy, scikit-learn, PyQt5, PostgreSQL

Independent Contractor, Remote and Greensboro, NC

12/2019 – 2/2020

Python Developer

Built an AB1-file-processing desktop application with a polished GUI and electropherograms for a DNA diagnostics lab.

Technologies used: Python, PyQt5, Matplotlib, pandas, Biopython

Freelance, Remote

12/2010 – 2/2020

Graphic Designer

Designed logos, flyers, web banners, and more for non-profit organizations for use in various marketing efforts.

Harvest Table Culinary Group / Aramark, Elon, NC

8/2011 – 12/2019

Hospitality Services Supervisor, etc.

Directed activities of the staff, ordered products, conducted inventory counts, extensively organized inventories, input invoices, scheduled employees (Kronos), and worked closely with the marketing team to deliver exceptional merchandising visuals and signage. ServSafe Manager certified.

The Alamance News, Graham, NC

9/2011 – 8/2013

Graphic Artist

Created numerous advertisements for the newspaper as well as designed flyers, booklets, and page layouts for gazettes; worked closely with the publisher on a regular basis to ensure quality of vision.

Education

University of North Carolina at Chapel Hill, Chapel Hill, NC

Full Stack Web Development | Coding Certificate | 2019 | Grade: A

A 24-week intensive boot camp program focused on gaining technical programming and market-driven skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Express.js, React.js, Node.js, Database Theory, MongoDB, MySQL, and more

University of North Carolina at Greensboro, Greensboro, NC

Bachelors of Fine Arts | Design