

# Ryan Kooy

Graham, NC 27253

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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 background in Graphic Design and Staff Management exhibiting keen attention to detail and committed to providing thorough, high-quality results. Motivated collaborator who thrives in group projects as well as in independent tasks. Intuitive problem-solver and flexible, rapid learner who is highly productive within project teams.

## Technical Skills

**Python, C/C++, C#/.NET, Git, Bash**

**HTML5, CSS3, JavaScript, React, jQuery, Node.js**

**UI:** Bootstrap, Sass, UIKit, PyQt5

**Web:** Heroku, Express.js, Netlify

**Project/Issue Tracking:** GitHub, Jira

**Databases:** MySQL Server, MongoDB

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

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

**Communication Tools:** Slack, Zoom, TeamViewer

**Some Experience With:** Julia, Lua, PHP, Java, Rust, 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

2/2020 – Present

**Python Developer**

Developing software for Select Laboratory Partners.

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

**Independent Contractor**, Remote and Greensboro, NC

12/2019 – 2/2020

**Python Developer**

Built a desktop GUI for a DNA diagnostics lab.

- **Technologies used:** Python, PyQt5, Matplotlib, pandas, Biopython, etc.

**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**