Graham M. Patton

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Raleigh, NC

EDUCATION

The UNIVERSITY OF NORTH CAROLINA at Chapel Hill — May 2022
Economics, B.A. Major GPA 3.81
- **Minor:** English & Comparative Literature, GPA 4.00
- Dean's List (2020-2022)

ACADEMIC QUALIFICATIONS

DATA (Data|Acumen|Theory|Application) **Science Credential in Economics** — May 2022
- Experience in combining data skills (collecting, scraping, cleaning, merging, processing, and visualizing data, descriptive and econometric analysis, optimization, and supervised/unsupervised statistical learning) with the foundational knowledge of economics to frame and solve economic questions using real data

TECHNICAL SKILLS

JavaScript, TypeScript, Node.js, Express, React.js, MongoDB, PostgreSQL, Git, CSS, HTML
- Full stack development: independently developed MERN (MongoDB, Express, React.js, Node.js) web applications
- Utilized Web and RESTful APIs while creating web applications with CI/CD methodology
- Completed 200+ coding challenges on LeetCode & Codewars.com in JavaScript, utilizing source code version controls
- Created semantically structured static and CRUD CI/CD applications to both client and academic specifications

R Programming and Analytics
- Regularly utilized 15+ supervised and unsupervised machine learning algorithms to train and test models to classify and predict outcomes using CPS big-data and SQL databases
- Collaborated with team members to write a research thesis in which we assessed the viability of health outcome predictions based upon survey data and prior academic research

Python Programming and Analytics
- Familiarity and knowledge of Python's MATLAB, NumPy, and Panda libraries and their applications to data science
- Aided the systematic organization and catalog of genome data for the RENFRI institute to supplement Java applications

WORK EXPERIENCE

100 Dev's – Remote — January 2022-Present
Software Engineer
- Collaborated with teams of developers to design and build responsive web applications using agile methodology
- Built 25+ semantically structures and responsive web applications for mobile and desktop devices
- Created and maintained databases during back-end development
- Learned multiple languages and frameworks quickly to resolve complex coding challenges

FREELANCE WEB DESIGN — January 2021-Present
Software Engineer
- Used various technologies to build static websites to client specifications
- Created mock-ups for clients while working alongside a designer to pitch clients, then replicate approved designs
- Provided services including single-time delivery or ongoing technical support and maintenance to clientele

BARCELONA WINE BAR – Raleigh, NC — 2017-2020
Bartender
- Developed skills in both teamwork and leadership while successfully multitasking to anticipate and deliver upon client needs under heavy time constraints
- Consistent and accurate in data entry, payment processing, and till reconciliation for sales of over $30,000 a day
- Established strong interpersonal relationships with clientele in long-term customer relationships

ADDITIONAL INFORMATION

- **Relevant Classes:** R Programming, Python Programming, Big Data, and Machine Learning, Econometrics, Web Design, Digital Culture, and Algorithmic Ethics
- **Travel**: England, France, Spain, Italy, Costa Rica, Jamaica, Turks and Caicos, Dominican Republic, U.S. Virgin Islands
- **Interests:** Personal Investing, Golf, Weightlifting, Skiing