RICHARD T. BROWN JR.

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TECHNICAL SKILLS

Languages: Python, Postgresql, Data Structures, Django, AJAX, HTML5

Web Technologies: HTML5, CSS3, JavaScript, DHTML, XHTML, Bootstrap, AJAX, JSON

Frameworks: django, bootstrap
Databases: relational databases, postgresql
Operating systems: windows, linux

Other: TDD, GitHub, RESTful API development

RELEVANT EXPERIENCE

The Iron Yard
(Jul 2016 to Sept 2016)
A 12 week intensive programming course focusing on Back-End Engineering Data Science with Python and Django program providing participants with the skills of a junior level software developer and training them in approaching and solving problems like a developer.

Python fundamentals: data structures, Git and GitHub, testing, OOP
Data Science: analyzing data using relational databases, pandas, simulations, and machine learning
Web development: Django, HTML, CSS, JavaScript, RESTful APIs, and Heroku deployment.

PROJECT

Invest Local
Using Python, PostgreSQL, D3, Django and a agile development process, our 3 person team built a website that allows users to search for local banks. The website shares detailed information around these banking institutions such as banking location, number of real estate loans, and small business lending. A rank is created from data and used to compare these lending institutions.

Experience developing application using HTML, HTML5, CSS
Good Experience with Object Oriented Concepts, Design, and Implementation

PROFESSIONAL EXPERIENCE

RB show:
(Oct 2006 to Jul 2016)
Weekly TV airing of interviews with state business and thought leaders
Editing video for TV airing in Durham, Raleigh, and Chapel Hill

The North Carolina Institute of Minority Economic Development:
Director
(Oct 2010 to Dec 2014)
Assist with bidding process leading to over $2 million in contracts over two business quarters
Conduct estimating training to large and small groups
Develop small business capacity via business relationships and certifications
Development of monitoring programs with governmental and private companies

 Rhemacom:
Vice President
(Dec.2006 to Jan.2010)
Supervise outside crew for install of communications equipment
Review and communicate hiring policies to new and existing staff
Develop and present to President of company 6 month-year projections of sales
Manage procurement of two business arms of the company

Community Reinvestment Association of North Carolina:
Community Organizer
(Dec. 2001 to Dec. 2006)
Coordinate workshops in rural N. C. to increase community's banking rights
Build partnerships with churches to increase community and stockholder wealth
Capture lending data in minority and rural communities
Assist banks identify $3million investments opportunities in the community

Get Out the Vote Coordinated Campaign:
GOTV Regional Coordinator
(June 2004 to Nov 2004)
Supervise 15 staff and 100+ volunteers in Wake, Durham, Orange, and six other counties
Register 15,000+ new voters in eight counties of North Carolina

EDUCATION

University of North Carolina at Chapel Hill Concentration: Economics