Winston Salem, NC
www.github.com/guadarrama

CARLOS BARRON

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Portfolio: https://Guadarrama.GitHub.io

EDUCATION

Arlington, VA   **Coding Dojo**   **October 2019 – January 2020**
- **Programming Coursework:** Algorithms, Data Structures, Object Oriented Programming. C# ASP.NET Entity Framework Core, ReactJS, ExpressJS, MongoDB, Python, Django, Flask.

Dobson, NC   **Surry Community College**   **August 2014 – June 2016**
- **Completion:** Associate is Science and Associate in Arts (**GPA: 3.7**)
- **Relevant Coursework:** OOP using C#, Calculus(I, II, III), Differential Equations, Linear Algebra

WORK EXPERIENCE

Helpdesk, Independent Contractor   Self Employed(part-time)   May 2016 – present
Worked with clients to provide solutions to computer equipment in small business environments. Including installation and configuration of local area networks - along with any required hardware and software. Prepared and updated documentation as required. Provided support as required on a 24/7 basis. Maintained any desktops PCs networks as required.

Full Stack Developer   **Coding Dojo**   **October 2019 – January 2020**
Dedicated over 1,000 hours in a 3 month intensive hands- on training to develop dozens of web applications using Python, C# and Javascript. Using a multitude of frameworks such as Flask, Django, ASP.NET Core, Entity Framework and ReactJS. Created user friendly sites with CRUD operations and RESTful routes with API integration. Collaborated with colleagues to implement both front-end and back-end solutions to a wide array of unique challenges and wireframe specifications.

Mathematics Tutor   **Surry Community College**   **May 2015 – Feb. 2016**
Assisted students on an individual and in-group basis to help understanding of Calculus I and Calculus II concepts. Also helping students work through solutions and explanations of math problems.

Sales Associate   **XingLong Management Corp Llc.**   **August 2016 - October 2019**
Counted cash in register at the beginning and end of shifts. Processed customer transactions and maintained cash drawer. Provided exceptional customer service. Accurately entered data into POS system. Compiled weekly transaction reports.

RELEVANT WEB DEVELOPMENT PROJECTS

Travel Planner
   Developed using Python, Django, SQLite, HTML, CSS – Deployed using AWS(EC2)
   Application allows a multitude of registered users to coordinate travel plans and join travel itineraries via SQLite connections and user friendly web-interface
   Featuring login validations, bycript password hashing, sessions, and various schema relationships

Tool Shop (Link: http://54.89.14.210/)
   Developed using C#, ASP.NET Core, Entity Framework, HTML, CSS and Bootstrap – Deployed using AWS(EC2)
   Application allows users to create items to buy and sell. Includes item checkout, purchase history and shopping cart functionality. Also features login and password validations, bcrypt password hashing, session, one-to-many and many-to-many schema relationships.

Pet Shelter(Link: http://174.129.104.40/pets)
   Developed using Javascript; ReactJS, NodeJS, MongoDB, Mongoose, HTML, CSS and Bootstrap – Deployed using AWS(EC2)
   Application allows users to add pets to a shelter, adopt or like a pet. Features validations, sorting, and one-to-one relationships.

ADDITIONAL SKILLS

Bilingual (English-Spanish, native proficiency on both languages)