ZHEN YANG

Cary NC 27519
Phone: (919) 924-2178 | Email: zhenyang.9261@gmail.com
LinkedIn: https://www.linkedin.com/in/zhen-y | Github: https://github.com/zhenyang9261
Portfolio: https://zhenyang9261.github.io

SUMMARY

Full-stack professional with web development and data analytics skills with a background in software development. Recently completed the UNC Data Analytics Boot Camp Certificate and currently taking Coding Boot Camp, demonstrating an agility and ability to learn and apply new skills very quickly. Hard working, highly accountable, and detail-oriented individual with excellent project management and organizational skills. Team player with leadership skills and demonstrated ability to work efficiently and optimally manage multiple tasks and responsibilities.

TECHNICAL SKILLS

Databases: SQL, NoSQL
Languages: HTML, CSS, Javascript, Python
Libraries and frameworks: Bootstrap, jQuery, Node.js, Node Express
Tools: Visual Studio Code, Jupyter Notebook, MySQL Work Bench, Tableau, Heroku, GitHub, Excel, Wordpress

PROJECTS

What2Fix Web App: A web app that provides recipe ideas based on user input ingredients and nearby restaurants as another option for dinner.
  Language, Libraries, Tools: HTML, CSS, Javascript, jQuery, Leaflet, Materialize CSS, Rest API

US Job Market on Data Analysts: Analyzed job trends for data analysts using 2014-2017 dataset from the U.S. Bureau of Labor Statistics.
  Language, Libraries, Tools: Python, Pandas, Matplotlib, Jupyter Notebook, Excel

NC Public Report Cards and Metadata Data: Visualized NC public schools report card data (2014-2016) with user-driven interaction.
  Language, Libraries, Tools: Python, HTML, CSS, Javascript, D3, Leaflet, Flask, SQL Alchemy, Plotly, jQuery, Bootstrap, Heroku

Machine Learning US Housing Survey: Conducted regression and classification analyses of the 2017 American Housing Survey data using machine learning algorithms.
  Language, Libraries, Tools: Python, Pandas, Matplotlib, Sklearn, Tableau, Jupyter Notebook

EXPERIENCE

Operations Manager | Web Developer   2014 - Present
Phoenix Realty | Durham, NC

Create optimal operational efficiencies by overseeing all aspects of the business, including property management, leasing, financing, and IT infrastructure. In charge of rental and maintenance websites' updates and content enhancements.
- Successfully redesigned rental pages and converted the website from HTML/CSS/Javascript to Wordpress. Integrated all property management functions into the website therefore allowing the business to manage customer needs conveniently in a central place.
- Effectively utilize manpower to maximize productivity and reduce cost on a daily basis by supervising employee schedules and duties.
- Lead weekly leasing and management meetings focusing on the delivery of results. Effectively reduce errors and increase customer satisfaction.
- Increased positive customer feedback for timely communications, persistence and attention to details.

PAST EXPERIENCE

Software Developer   2003 - 2004
VarTec Telecommunications | Dallas, TX

Programming Languages: Java, HTML, CSS Javascript, SQL.
Developed an online interface to maintain various database tables of Customer Relation Management system.

Software Developer   1999 - 2001
Nokia | Ottawa, Ontario Canada

Programming Languages: C
Implemented part of a crypto API that was based on hardware acceleration card driver and OpenSSL API.

OTHER EXPERIENCE

Website Developer Volunteer   2017 - 2018
Raleigh Chinese Christian Church | Cary, NC

Created English ministry's website in Wordpress and provided ongoing maintenance and content improvement.

Website Developer Volunteer   2017
Acupuncture Clinic | Dallas, NC

Created clinic's website in Wordpress and provided ongoing maintenance and content improvement.

EDUCATION

Coding Bootcamp Certificate (In progress)
University of North Carolina | Chapel Hill, NC

A 24-week intensive program focused on gaining knowledge and skills to build dynamic web application and become a full-stack web developer. Skill set includes HTML, CSS, Javascript, jQuery, Bootstrap, React.js, Node.js and SEO.

Data Analytics Bootcamp Certificate
University of North Carolina | Chapel Hill, NC

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, HTML, CSS, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Master of Science, Computer Science
University of Ottawa | Ottawa, Ontario Canada

Bachelor of Science, Computer Science
Beijing Information Science and Technology University | Beijing, China

TRAININGS & CERTIFICATES

IBM Certification - Python for Data Science | Data Analysis with Python | Data Visualization with Python
Oracle Certification Exam: Oracle 11g SQL Fundamentals I
Oracle Certified Professional, Java SE6 Programmer