

Jabari O. Farrar

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Objective

To obtain a position as a web developer at a medium-sized company.

Recent Experience

Web Developer, Albuquerque, NM, 2017 – Present

- Created dynamic websites from design to production
- Managed back end web development utilizing PHP, MySQL and object oriented programming
- Utilized Bootstrap, Java Script, Angular, HTML, and CSS for front end web development

Chemistry Instructor, Albuquerque, NM 2017 – Present

- Tutored a University of New Mexico student in general chemistry
- Helped struggling students improve understanding of class material to improve grade

R&D Chemist II—Research and Development Chemist II, Mayne Pharma, Greenville, NC, 2012 – 2016

- Performed method development, method validation, method transfers and analytical testing
- Collaborated with a team to get generic drugs from research and development to market
- Developed tests to provide quality control for pharmaceutical drug substances and dosage forms
- Solved problems with methods, instruments, and processes, ensuring that all work was accurate, precise, properly documented, and performed within Good Laboratory Practices (GLP) guidelines
- Designed method validation protocols, conducted validation experiments independently for pharmaceutical dosage forms, and authored analytical procedures and validation documents

Senior Technical Staff, Chemistry Laboratories, Northrop Grumman Aerospace Systems, Redondo Beach, CA, 2007 – 2012

- Performed chemical and material analyses, interpretation and consultation in support of defense programs
- Supported electrical, mechanical, propulsion, laser, solar array and semiconductor departments
- Interfaced regularly with engineering to discuss analytical findings and their impact on production
- Averted missing program deadlines by quickly working to identify the problem and recommending changes, and worked on-site with subcontractors to solve production problems
- Experienced preparing technical reports and presentations for customers, and working with and performing maintenance on vacuum systems

Chemist IV, Procter & Gamble via Adecco Technical, Fabric and Home Care Technical Division (Polymer Group), Cincinnati, OH, 2006 – 2007

- Collaborated with members of P&G's Fabric and Home Care Technical Division to determine the best modified starch biopolymers to use in place of expensive petroleum-based polymers in laundry detergent formulations
- Designed and performed experiments to understand the mechanism and structure-function relationship of modified starch biopolymers to optimize cleaning performance on fabric surfaces
- Developed methodology to study polymer-assisted clay removal, grease removal and enzyme removal of proteins using quartz crystal microbalance dissipation (QCM-D) and surface modification methods
- Identified polymers that provide best performance in laundry detergent via conducting stability studies
- Employed high throughput screening and performance testing methods to aid in determining the best starch biopolymers for whiteness maintenance and stain removal for laundry detergent formulations

Languages and Platforms

HTML5 / JavaScript / Angular 4 / MySQL / PHP
CSS3 / Bootstrap / GitHub / J Query / Asana / Mac OS / Windows OS

Human Languages

English (native), Intermediate Korean

Awards

Northrop Grumman Reward, Advanced Mission Program (AMP), 2012
Northrop Grumman Program Recognition Award, Advanced Technology Program (ATP), 2012
Northrop Grumman Aerospace Products Timely Awards Plan (TAP), 2011
Northrop Grumman Aerospace Products Timely Awards Plan (TAP), Advanced Extremely High Frequency (AEHF) Program, 2010

Education

Full Stack Certification / Deep Dive Coding Bootcamp, Albuquerque, NM (Expected June 2017)
Ph.D., Chemistry, Kent State University, Kent, OH (December 2004)
B.S., Chemistry, Kent State University, Kent, OH (December 1997)

Clearance Eligible

References Available Upon Request