LaKeisha Barr

Software Engineer in St. Louis, MO

My objective is to obtain a position where I can effectively use my programming, math, communication, teamwork and organizational skills in order to be a contributor to the success of an organization.

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WORK EXPERIENCE

Programmer Analyst — Bausch + Lomb, St. Louis, MO

May 2007 - Present (Contractor from 2007 - 2015) (Full Time 2015 - Present)

- Performing manual reliability and verification testing on a modularly designed complex eye care medical device involving both hardware and software.
- Introducing a cataract and performing capsulotomy on artificial and pig eyes in order to allow a surgeon to practice surgery using Bausch + Lomb surgical equipment.
- Collaborating with Professional Engineers to ensure proper implementation of protocols and verification.
- Input software defects into defect tracking system
- Compiled software test run statistics
- Followed internal Standard Operating Procedures according to FDA guideline CFR 21.

Engineering Intern — Briem Engineering, St. Louis, MO

May 2007 - August 2013

- Worked independently and in conjunction with licensed Engineers conducting failure analysis of metallic and non-metallic materials to determine the root cause and/or prevention of product failure.
- Wrote reports and gathered other documentation of results related to testing that was completed.
- Team contributor in the design and production of the company website and creator of a PowerPoint presentation used to display processes used for a major client.
- Composed documentation and assisted in the A2LA accreditation process for Briem Engineering.

PROJECT EXPERIENCE

eyeTelligence — Cloud based surgical application

- Contributed to protocol development, dry run, execution and reports
- Supported updates associated with back-end Cloud, and Router update of a multi-carrier smart SIM.

EDUCATION

LaunchCode, LC101 Programming Course — 2020

Saint Louis University, Mechanical Engineering — 2001

SKILLS

PROGRAMMING LANGUAGES

- **Java**
- **JavaScript**
- **TypeScript**
- **Angular**
- **HTML5/CSS3**

FRAMEWORKS

- **SpringBoot**
- **AngularJS**
- **Bootstrap**

DATABASES

- **MySQL**
- **ClearQuest**
- **Requisite Pro**

TOOLS

- **VisualStudio Code**
- **GIT**
- **IntelliJ**

AWARDS

Above & Beyond Award and Shining Star Award for **going beyond the scope of my assigned position to ensure that a project was completed before schedule**