Alvin Togonon

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EDUCATION

Software Engineering Immersive
Dec 2019
Fullstack Academy
NY, NY

Bachelor of Science
Biomedical Engineering
May 2009
New Jersey Institute of Technology
Newark, NJ

SKILLS

Proficient:
Javascript, Node.js, Express, PostgreSQL, HTML, CSS, React, Redux

Familiar:
C++, Java, Heroku, GraphQL, Prisma, Apollo, Mocha, Chai, Viro AR, React Native

AWARDS

BMS Drug Product Science & Technology Star Award
January 2016

Alpha Consulting Certificate of Excellence
March 2017
June 2017

PROJECTS

The Yawning Portal
Sole Developer - github.com/atogonon/yawningportal

- A web portal that allows Dungeons and Dragons players to record and share notes for the campaigns they are playing in. The aim is to provide functionality that supports creating campaigns, creating and sharing notes within a campaign and the ability for users to share their characters and stats. This project was built using GraphQL, Prisma, Apollo and React.

Spray-R
Developer - github.com/string-cheese-fsa/spray-r

- An AR app that allows users to draw on surfaces in augmented reality using your mobile device as the spray-can. Users can also save their drawings and download drawings from other users. This project was built using React Native, Viro AR, Redux, Node.js and Express.

PROFESSIONAL EXPERIENCE

Horiba Scientific   **Piscataway, NJ**
Application Engineer   *July 2018 to August 2019*

- Planned and executed experiments and related activities that promoted the business growth of Fluorescence, Particle Size Analysis, Raman and Surface Plasmon Resonance imaging product lines in the life science market.
- Generated content for marketing materials such as instrument application notes based on findings from business development related projects.

Bristol-Myers Squibb through Alpha Consulting   **New Brunswick, NJ**
Process Research Scientist (Consultant)   *August 2015 to September 2017*

- Key contributor to the development of Real Time Analytical (RTA) solutions in support of bio-pharmaceutical processes and products as part of the Innovative Process Analytical Sciences team.
- Authored documents, work instructions, and test reports in relation to the spectroscopy and biologics testing and processes performed.

Whitehouse Laboratories   **Whitehouse, NJ**
Project Manager   *September 2014 to August 2015*

- Promoted to Project Manager within the Container Closure Integrity Testing department and accomplished project objectives by planning and evaluating activities for various projects within the department.
- Key contributor to the development and validation of test methods utilizing various container closure integrity technologies for various package types.

Laboratory Analyst   *November 2010 to September 2014*

- Installed and qualified critical laboratory instrumentation.
- Executed medical device testing methods to ensure proper device operation and dosing.