Jonathan Garcia

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Portfolio: https://jgarcia60.github.io/portfolio/

Education

Full Stack Web Development Boot Camp, Georgia Tech Professional Education

Certificate   *Currently attending, completing February 2021*

Front End semantic development using HTML5, CSS3, Bootstrap, vanilla JavaScript (ES6), jQuery/AJAX

Building RESTful APIs with Node.js, NPM, and Express

Database query interfacing using MySQL and NoSQL solutions with MongoDB

Using React.js to build applications

Edx.org Courses

Data Structures and Algorithms in Java   *successfully completed August 2020*

Graph Algorithms in Java   *successfully completed August 2020*

Programming in Java   *successfully completed July 2020*

Georgia Institute of Technology, Atlanta, GA

Bachelor of Science in Chemical and Biomolecular Engineering   *Class of May 2018*

Projects

Resume Builder – Build, update, and access your resumes as PDFs through this web app   *December 2020*

- Created a RESTful resume API with full CRUD that was deployed to Heroku using Node.js and Express
- Utilized one-to-many associations in MySQL database with the Sequelize ORM
- Implemented user authentication with the Passport NPM to maintain document privacy

Free From All – Beauty product search app for environmentally-conscious consumers   *October 2020*

- Fully functioning web app where users can search for beauty products with select criteria (chemical-free, vegan, etc.) and find products and local stores near the user.
- Utilized three public API's with AJAX and jQuery, including interactive from Microsoft's Bing CDN.
- Collaborated with a team, using best-practice version control with Git and practiced agile methodologies

Experience

Georgia Pacific, LLC – Remote Asset Process Engineer   *December 2018 - Present*

- Responsible for identifying and preventing process and reliability issues by working with data analytics and automation to improve manufacturing runnability
- Contributed to over $5MM in reduced purchased chemical costs by developing an advanced process outlier detection system with analytics and automation.
- Frequently engaged with operations leaders, subject matter experts, and engineers to identify operational deficiencies and plan to improve digital transformation in operations

Technical Skills

Languages: Java, JavaScript, HTML5, CSS3, Git

Databases: MySQL, MongoDB

Frameworks: Node.js, React.js, Bootstrap

Leadership & Awards

Remote Engineer Site Lead   *October 2019 – Present*

- Main point of contact for two manufacturing plants, and actively coordinated project priorities with contributors to mill performance, such as the asset health team, subject matter experts, engineers, automation, and leadership.

Koch Environmental Health & Safety Award   *2019*

- My team was recognized for excellence in environmental health and safety for reducing chlorine dioxide releases across the fleet. Only three awards are given each year across all Koch enterprises.