

CHRISTOPHER C BRAGG, MB (ASCP)

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SUMMARY OF QUALIFICATIONS:

- Upcoming Full Stack Coding Bootcamp graduate seeking a web/software development position.
- Adept at working independently as well as collaborating with teams across multiple functions to solve problems, build efficiencies, and establish continual process improvement.
- Strong English communication skills, both written and oral; Proficient with MS Office programs.

EDUCATION & TECHNICAL SKILLS:

University of Washington PCE, Seattle, WA, February 2020 – August 2020

- Full Stack Web Development Coding Bootcamp; A+ Academic Average.
- Rigorous and fast-paced curriculum covering both the theory and application of web development.
- Browser Based Technologies: JavaScript, React.js, HTML, CSS, jQuery, Responsive Design, CSS Frameworks (Bootstrap, Bulma), Local/Session Storage, IndexedDb, Progressive Web Apps
- Server-Side Development: Express.js, Node.js, Handlebars, Server Side Rendering
- Database Development: MongoDB/Mongoose, MySQL/Sequelize, MVC pattern, ORM
- Git and Heroku Deployment/Command-Line Fundamentals, Branching and Merging
- API interaction with JSON using AJAX, and AXIOS
- Quality Assurance: SDLC, Unit/Functional Testing, Linting, Continuous Integration
- CS Applied to Javascript: Algorithms (Searches, Sorts), Efficiency, Time Complexity, Big O Notation, Data Structures (Linked Lists, Stacks/Queues, BST, Binary Heaps)
- Part-time, 24-week full stack course completed while managing full time work.

University of Washington, Seattle, WA, September 2008 – August 2012

- Bachelor of Science in Molecular, Cellular and Developmental Biology

EXPERIENCE:

UW Coding Bootcamp, Professional & Continuing Education, February 2020 – August 2020

- Project: **Uplift** <https://bit.ly/2BHlRlX> Deployed: <https://bit.ly/2YtWHXe>
 - Developed functional, full stack website aiming to support black-owned businesses.
 - Utilized a MVC pattern, Travis CI, and ESLint for organized and uniform code.
 - Utilized Git branching strategy to minimize merge conflicts between group members.
 - Personal contributions to 4-person group project:
 - Created MySQL database using Sequelize models and One-to-Many association.
 - News and Events: jQuery event handling, Express routes, NewsAPI endpoints and consumption, Puppeteer web scraping for events.
 - Non-Profits: Express route for Axios CharityAPI request and response.
 - Members: AJAX and Express request to the database to read/display businesses added by user based off session.
 - Add Business: AJAX and Express request to the database to add businesses.
- Project: **Recipe Master** <https://bit.ly/2BExQac> Deployed: <https://bit.ly/3ewOtmX>
 - Developed a functional, front end site for providing recipes based off user ingredients.
 - Learned and utilized a new CSS framework (Bulma) for mobile responsiveness.
 - Personal contributions to 3-person group project:
 - Managed group tasks utilizing GitHub Issues tracker.
 - Responsible for most of the front-end design and UI.
 - Handled the Nutrition Info API functionality and display.

Production Laboratory Manager, Adaptive Biotechnologies, April 2018 – Present

Production Associate III Team Lead, Dec 2016 – April 2018

Production Associate II, October 2015 – December 2016

- Work directly with software LIMS teams, Automation Engineering, R&D for new product and continual process improvement development, transfer, and operational implementation.
- Develop, lead, and implement scaling, lean six sigma/5S, and process improvement initiatives to improve operational throughput capacity to cover year over year increase in sample volume.
- Develop and monitor Key Performance Indicators (e.g. TAT, Throughput, Efficiency) to measure and present operational effectiveness to executive leadership.

References available upon request.