CHRISTOPHER C BRAGG, MB (ASCP)

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SUMMARY OF QUALIFICATIONS:

- Upcoming UW Coding Bootcamp graduate looking for a professional web development position.
- Strong English communication skills, both written and oral; Proficient with MS Office programs with advanced MS Windows computer skills; ~90 WPM.
- Technologist in Molecular Biology, MB by American Society for Clinical Pathology (ASCP) board certification achieved in October 2015.

EDUCATION:

University of Washington PCE, *Seattle, WA***, February 2020 – August 2020**
- Full Stack Web Development Coding Bootcamp; A+ Academic Average.

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**
- Rigorous and fast-paced curriculum covering both the theory and application of web development.
- Part-time, 24-week full stack course completed while managing full time work.
- Browser Based Technologies: HTML, CSS, JavaScript, React.js, jQuery, Responsive Design, CSS Frameworks (Bootstrap, Bulma), Handlebars, Local/Session Storage, IndexedDb
- Server-Side Development: MongoDB, Express.js, Node.js
- Database Development: Database theory, MongoDB, MySQL
- Git and Heroku Deployment/Command-Line Fundamentals
- API interaction with JSON, 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

Production Laboratory Manager, *Adaptive Biotechnologies***, April 2018 – Present**
- Manage dept. of ~30 FTE testing personnel over 4 shifts including hiring, training, competency assessments, goal setting, performance evaluation/development, time off, and retention.
- 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.
- General oversight over all Production Lab processes from sample receipt, DNA extraction, DNA transfer, quantification, Library Prep, and NGS-based testing.
- Develop and monitor Key Performance Indicators (e.g. TAT, Throughput, Efficiency) to measure and present operational effectiveness to executive leadership.
- Ensure operational compliance with the company's internal Quality Assurance QMS procedures, participate in routine quality reviews, monitor key metrics, and participate in QA audits.
- Schedule and supervise daily tasks and projects performed by Operation's Clinical Laboratory Technologists to meet turnaround times, ensure clinical sample integrity, and conform to highly regulated CAP, CLIA, FDA, and NYSDOH guidelines.
- Operations Lab main point of contact for external departments to help serve as subject matter expert, implement changes, manage projects, and provide troubleshooting support.
- Assist Finance dept. with staffing capacity, capital expense planning, and expense allocation.

Production Associate III Team Lead, *Adaptive Biotechnologies***, Dec 2016 – April 2018**
Production Associate II, *Adaptive Biotechnologies***, October 2015 – December 2016**
- Perform routine DNA testing involving processes such as DNA extraction/purification, PCR and Next-Gen technologies used for Immunosequencing and profiling the adaptive immune repertoire.
- Operate and maintain a variety of lab equipment including multiple liquid handling robotic platforms (e.g. Hamilton), DNA extraction platforms, and Illumina NGS Mi/Hi/NextSEQ's.

References available upon request.