WALTER LEE

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SUMMARY OF QUALIFICATIONS

Full-stack software developer with 8+ years' experience in research lab management and operations. Proven ability to work both in teams and independently while applying critical thinking skills and prioritization to detail-oriented tasks.

CORE COMPETENCIES & AREAS OF EXPERTISE

Programming Languages	HTML	CSS	JavaScript	Bootstrap	jQuery	React/ReactJS	Vue.js	NodeJS & Express	MySQL, NoSQL	React Native	Redux	C#	Python	Selenium	Django
Databases, Platforms & Programs	Object-Oriented Programming	REST/CRUD	Google Firebase	MS SQL Server	Agile/Scrum	Amazon Web Services (AWS)	Heroku	ASP.Net MVC	Adobe Design Suite	Docker
Business Operations & Management	Information Technology	Process Improvement	Quality Assurance	Project Management	Team Development & Training	Communication & Collaboration	Test Driven Development	SEO

PROJECTS (WWW.WALTERLEE.NET)

GIGFINDER – COVALENCE FINAL PROJECT   *March 2018*

React Native mobile application (iOS/Android) that connects bands with individual artists. The application uses React Native on the Front End, NodeJS/ExpressJS on the Back End, AWS for cloud data, and MySQL as the relational database.

EDUCATIONAL QUALIFICATIONS

COVALENCE CODING BOOTCAMP | *Nashville, TN*   *March 2018*

Full-Stack Development Certificate

Curriculum revolved around teaching and instilling a strong software development, programming and design foundation focusing on:
- **Programming Fundamentals** – Loops | Conditionals | Functions
- **Front-End Development** – Web and Mobile Interface Design | Contemporary Frameworks (ReactJS, React Native)
- **Back-End Development** – User Authentication | API Creation | Database Communication
- **Databases** – Storage & Infrastructure | mySQL | Microsoft SQL Server
- **Agile Development** – Software Project Management | Team Communication & Collaboration

VANDERBILT UNIVERSITY | *Nashville, TN*   *August 2008*

Bachelor of Science – Neuroscience
- **Program Overview** – Provided a foundational knowledge base for biology, chemistry, mathematics, physics, neuroscience, psychology, and computer science in order to pursue medical research.
- **Undergraduate Research** – Assisted Dr. David Noelle with his computational neuroscience model of the prefrontal cortex in order to program robots to learn simple motor tasks through a working memory/food reward paradigm.

WORK EXPERIENCE

VANDERBILT UNIVERSITY | *Nashville, TN*   *2010 – 2017*

Laboratory Manager – Vanderbilt Brain Institute   *2016 – 2017*

Main coordinator for International Multisensory Research Forum 2017, a four-day research conference in Nashville. Secured sponsorships valued at over $25,000, monitored event budget of over $200,000, and managed day-to-day operations for three separate venues (Vanderbilt University Student Life Center, Country Music Hall of Fame, and Marathon Music Works).

Research Assistant II – Vanderbilt University Medical Center   *2010 – 2016*

Apprentice responsible for the supervision of day-to-day multisensory research lab operations for Dr. Mark Wallace & Dr. Troy Hackett in the Department of Hearing and Speech Sciences & Center for Integrative and Cognitive Neuroscience.

- Maintained lab website with Adobe Dreamweaver (involved use of HTML, CSS, JavaScript)
- Procured all licenses and handled installation of software (Matlab, E-Prime, Endnote, Tobii) and hardware for research purposes
- Designed and implemented a data collection plan that reliably stored research data on local and cloud servers for data analysis.
- Ensured lab compliance with governmental regulations (i.e. OAWA, USDA, DEA, TN Department of Health, IRB (HIPAA))
- Managed all lab funding operations and purchased and received orders of research equipment and supplies ($100,000+ per year)
- Provided administrative support for lab and office management such as scheduling meetings, maintaining calendars, managing students, and ensuring effective communication between all parties.