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**SUMMARY**

Hello! I am a full stack web developer who thrives on learning through hands-on experience and problem solving. I am resilient and adaptable to whatever new challenges I am faced with. I am excited to offer not only my technical proficiency, but also my wide variety of on the job experience and project management capabilities

**TECHNICAL SKILLS**

**| Languages |** Java, Javascript ( ES6, Node.js ), TypeScript, HTML, CSS, Python, SQL, C

**| Frameworks |** Spring-Boot, Maven, Express, Flask, Jinja, React, Mongoose, JSP, OSC, MIDI

**| Databases |** MySql, MongoDB

**| Tools |** Github, Dropbox, Terminal (unix / zsh shell), Linux, OSX, Postman, AWS ( EC2, RDS ) MySql Workbench, REST API, JSON, Adobe Creative Suite (Photoshop, AfterEffects, Premiere Pro), MAX/MSP

**TECHNICAL PROJECTS**

***twitter.lite******>>*** [***GitHub***](https://github.com/brianrandall/twitter_lite) **>>** [***Live Site (AWS)***](http://13.57.238.142/) **Full Stack Developer**

*React, Java, Spring-Boot, REST API, mySQL, AWS (EC2), bCrypt*

* Full stack twitter - style web app
* Designed RESTful API to handle data transfer from React to MySQL database utilizing Java Spring Boot
* Deployed on Amazon EC2 Ubuntu cloud server using Nginx for frontend, and cmd line version of SQL
* Designed CSS layout and made site icons in Adobe Photoshop
* Leveraged bCrypt for password and personal information authentication and validation

***babylon dot com******>>***[***GitHub***](https://github.com/brianrandall/babylonDotCom)**Full Stack Developer**

*MongoDB, Express, React, Node.js, FakerAPI, StripeAPI*

* Full stack eCommerce web app, made to be a clone of Amazon utilizing MERN stack functionality
* Leveraged Faker API to auto generate thousands of fake products and books
* Utilized Stripe API for cart and checkout
* Designed landing page graphics in Photoshop

***body language* >> *(installation)*****Developer**

*MAX/MSP, MadMapper, OSC, Ableton Live, Quartz Composer, JavaScript, OSC*

* Engineered and developed a fully integrated interactive system to process input data to be sent out to various other applications and be displayed visually
* Built network to transfer data via OSC from WiFi Arduino shield to MAX/MSP
* Designed visual elements to be projected onto various physical elements around the space. Utilized Ableton Live for sound design, and Live API to manipulate interface and audio

***wild man (music video)******>>*** *(****VDMX blog*** [***post***](https://vdmx.vidvox.net/blog/brian-randall-project-maps-pasty-bodies-in-sun-drugs-wildman-video)*) (****Creators Project (VICE)*** [***feature***](https://www.vice.com/en/article/53w59z/premiere-projection-mapping-pasty-bodies-in-sun-drugs-wildman-video)*)* **Developer / Editor**

*MAX/MSP, OSC, Arduino, Ableton, XBox Kinect*, *MadMapper, QuartzComposer, Syphon, DMX, VDMX*

* Utilized IR camera from XBox Kinect to develop a dual-layer real-time video mask to be projected onto subject
* Home built DMX light controller with Arduino and DMX shield programmed to receive serial messages sent from MAX/MSP over USB to synchronize a series of lights
* Created enough momentum for the song / band that it was featured in series of commercials and video games

***brainwave freq dome >> (CalArts installation) Developer***

*NeuroSky Mindset, QuartzComposer, PureData, DMX, OSC*

* NeuroSky headset would transmit array of most prevalent brain wave frequencies which were then factored down to an average frequency
* Once averaged, said frequency was converted to a color and visual wave representation to be projected

**PROFESSIONAL EXPERIENCE**

**General Contractor** || *Blue Meadow Builders LLC***2019 - 2022**

* Designed and implemented plans for remodels, new construction ADUs, and various others
* Interfaced with clients and negotiated finances and material orders
* Ensured project deadlines were set and met

**Senior Digital Marketing Manager ||** *Sargent House*  **2017 - 2019**

* Merch, tour poster, album art, cd / vinyl layout, for grammy nominated, billboard top 100 bands and artists
* Created digital marketing strategies for print and web, utilizing images, video, motion graphics, ad campaigns
* Worked directly with our clients to ensure the final product was most representative of their idea

**A/P / A/R** || *Limousine Connection* **2015 - 2016**

* Managed accounts receivable / accounts payable portfolios for well over 100 A-list celebrity clients
* Corresponded with clients over the phone to provide customer service

**EDUCATION**

Full Stack Development certificate in Python, Java, and Javascript (MERN) // [Coding Dojo](https://www.codingdojo.com/online-coding-bootcamp-full-time) // *Remote* **2022**