

## 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

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## 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

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## TECHNICAL PROJECTS

*twitter.lite* >> [GitHub](#) >> [Live Site \(AWS\)](#)

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](#)

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)* >> [\(VDMX blog post\)](#) [\(Creators Project \(VICE\) feature\)](#)

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
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## 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
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## EDUCATION

Full Stack Development certificate in Python, Java, and Javascript (MERN) // [Coding Dojo](#) // Remote 2022