

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](#) >> [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

- 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