
Blake DeGraw

Full-Stack Software Engineer | Video Game Developer

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Javascript | HTML | CSS | Python | PHP | Max/PHP
Node | Express | EJS | React | Flask
SQL | PostgreSQL | MongoDB | Mongoose
Unreal Engine 4 | Ableton Live | ProTools | Logic | Sibelius

PROJECTS

Web Oscillator - *Music Application*

Javascript, HTML, CSS

Online synthesizer that uses **Web Audio API** oscillators to create drones with varying textures. Users can manipulate the drone's pitch and overlying harmonies by dragging the cursor across the page's X and Y axes.

Rickipedia & Mortiverse - *Full-Stack Web Application*

Javascript, CSS, React, Express, Mongo

Multi-page wiki site that displays character and episode information about the Rick & Morty tv show. Users can create accounts to contribute to the fan-theory discussion forum. Includes JSON web token, RESTful routing, and filtered data sets.

EXPERIENCE

Real Craft Inc - Gig Harbor, WA - *IT Manager*

06/2020 - 12/2020

- Updated practices in inventory and shipment tracking, resulting in improved communication across departments and fewer shipping discrepancies, saving the company \$1,000-\$2,000/month.
- Implemented use of remote access technology, allowing 15 sales and administrative staff to work from home during COVID-19 closures.

Iconiclick - Seattle, WA (remote) - *Music Producer, Audio Engineer*

06/2018 - 06/2020

- Researched popular music trends in European and South-American markets, synthesized those trends in television and internet ads targeting those regions.
- Created an audio library of 60+ original compositions, eliminating the need to license music from third-party vendors.

Academy for Precision Learning - Seattle, WA - *IT & Operations Manager*

12/2012 - 08/2019

- Drafted and maintained employment and enrollment contracts for 100 employees and 120 students.
- Administered all employee email accounts and software licensure.
- Provided IT support and physical maintenance for all school computers, printers, phones, and other instructional hardware.

EDUCATION

General Assembly - Seattle, WA (remote) - *Software Engineering Immersive; Certificate*

12/2020 - 03/2021

Cornish College of the Arts - Seattle, WA - *Music Composition; Bachelor's Degree*

01/2016 - 12/2018