**Technical Skills­­­**

|  |  |
| --- | --- |
| **Programming**  **Languages:** | JavaScript ES-6, NodeJS, HTML5, CSS3, SCSS, Bash Shell, Excel, SQL, NoSQL, MATLAB, Python, C++ |
| **Databases:** | PostgreSQL, MongoDB |
| **Cloud:** | Docker, AWS, Google App Engine, Netlify, Digital Ocean, Heroku, Azure Cloud Services |
| **OS:** | Linux, Windows (WSL), IOS |
| **Agile:** | GitHub, BitBucket, Jira, Confluence |
| **IDEs:** | VSCode, Visual Studio, Atom, Code Blocks, Sublime Text 3, Brackets |

# Experience

|  |  |
| --- | --- |
| **Relational Concepts:** Hallandale Beach, FL | March 2020 - Present |
| **Front End Web Developer** |  |

* Responsible for front-end development for a custom real estate application which provides sophisticated and fully customizable filtering to allow investors and real estate professionals to narrow in on exact search targets.
* Designed mock-up screens, wireframes, and workflows for intuitive user experience.
* Migrated existing multi-page user experience into singular page interfaces.
* Participated in every stage of the design from conception through development and iterative improvement.
* Produced user stories and internal documentation for future site development and maintenance.
* Implemented modern frameworks including Bootstrap and Font-Awesome to give the site an aesthetic overhaul.
* Managed all test deployments using a combination of Digital Ocean and Netlify.
* Produced unit tests using a combination of Mocha and Chai.
* Injected Google Analytics to capture pertinent usage data to produce an insightful dashboard experience.

|  |  |
| --- | --- |
| **Environment:** | **JavaScript, JQuery, HTML5 & CSS, Bootstrap, DOJO, Google Cloud, Bash Script** |

|  |  |
| --- | --- |
| **Cembre:** Edison, NJ | Nov 2019 – Mar 2020 |
| **Product Development Engineer** |  |

* Converted client’s product needs into technical specs to be sent to the development team in Italy.
* Reorganized internal file server structure.
* Conducted remote / in person system integration and product demonstrations.
* Presided over internal and end user software trainings in addition to producing the corresponding documentation.
* Served as the primary point of contact for troubleshooting railroad hardware and software in the North America.

|  |  |
| --- | --- |
| **Environment:** | **Excel, AutoCAD, PowerPoint, Word** |

# Education

|  |  |
| --- | --- |
| **B.S. Electrical Engineering, TCNJ,** Ewing NJ | 2014 – 2019 |

**Capstone Project – Team Lead**

* Successfully completed and delivered a platform to digitize a guitar signal and perform filtering before executing frequency & time domain analysis to track a current performance against prerecorded performance.
* Implemented the Dynamic Time Warping algorithm in C++ and Python to autonomously activate or adjust guitar effect at multiple pre-designated section of performance.

|  |  |
| --- | --- |
| **Environment:** | **C++, Python, MATLAB, PureData** |

**References and portfolio available upon request**