
TOOLS/ TECHNOLOGIES

- Node, React, Express, Socket.io, Npm
- JavaScript (ES6), Html, Css, jQuery, JSX
- MVC/MVVM, Git, Tortoise Svn, MySQL, PHP
- PowerShell, C#, VisualBasic
- Bootstrap, Material-UI, Flexbox, Interact
- Amazon Web Services EC2, Amazon RDS

PROFESSIONAL EXPERIENCE

Crestron Electronics - Rockleigh NJ

June 2015-Present

Verification Engineer

- Work as a member of the Verification Engineering team, handling VE testing for Digital Media products
 - Manage the VE process for Multi-Format Switches and Blade-Based Switches. Total of 16 products
 - Creating and executing test plans to adequately verify features across a range of Digital Media products, complying with release dates and product requirement specifications
 - Validating both trunk and branch firmware builds on over 50 different devices post-release
 - Debug firmware issues, and work with development teams to investigate, report, and verify bugs
- Pioneered a new method of testing Crestron products through web requests
 - Wrote the firmware testing API and integrated it into our VE nightly test setup

EduTek Ltd. - Mamaroneck NY

Summer 2013

Audio/Video Systems Engineer

- Designed systems of various devices to be integrated into schools, homes, and other residential and commercial buildings. Worked in teams and coordinated with clients multiple times per day

PROJECT EXPERIENCE

Pitch Online Playing Card Game

- Wrote a real time multiplayer card game primarily using JavaScript, HTML, and CSS.
- Integrated many JavaScript frameworks for a modern, responsive, and up-to-date mobile friendly front end.
- Learned and implemented Node, Express, and Socket.io on the back end, using web sockets for a simplistic and smooth multiplayer engine, efficiently handling many games at once.

Fantasy Football Draft Kit

- A React-Flux, RESTful application giving users a toolkit for their fantasy football drafts, such as player comparisons, multiple website rankings, depth charts, and player statistics
- Designed with modern frameworks React.js and Material.ui on the front end, Node.js on the back end

Neighborhood Map

- Created an application that researches a neighborhood, providing a map, street view images, information on nearby restaurants, weather, and news of the location.
- Used third-party API's(Yelp, Wiki, NYTimes) and ajax requests to provide the data for the application

Solar Energy Generation DashBoard - Sr. Design - Team Leader

- Designed and implemented a touch screen dashboard displaying relevant solar information from the engineering building's Solar Panel Array on the roof.

EDUCATION

Binghamton University - Computer Engineering B.S.

May 2015

Udacity - Front End Web Developer Nano-Degree

June 2016