# David Chung

San Francisco, CA
(908) 930-8054 | davidc4747@yahoo.com | www.davidchung.net

## WORK EXPERIENCE

### BlueWander,  San Francisco CA - *Front-End Developer*

JANUARY 2018 - MARCH 2018 (Contract)

- **Skills:** HTML5, CSS3, Sass, JavaScript, ES6, React, Redux, Restful APIs, Agile Scrum
- **Software:** Git, Github, NPM, JIRA, VS Code, Slack
- Delivered React components that integrate with backend Rest Services
- Created the initial stages of a React Application
- Setup Standards for JavaScript and CSS

### PDHI,  Bernardsville NJ - *Full-Stack Developer*

JUNE 2016 - SEPTEMBER 2017

- **Skills:** HTML5, CSS3, Less, Bootstrap, JavaScript, knockout.js, jQuery, D3.js, Node.js, Restful APIs, SQL, C#, ASP.NET, Agile Scrum
- **Software:** Git, NPM, JIRA, BitBucket, Confluence, Visual Studio, VS Code, SSMS
- Refactored our JS architecture, allowing the creation of modular knockout components
- Lead the initiative to convert our nested CSS structures into a modular BEM standard
- Created interactive charts using Google Maps API and D3.js
- Design and implement the initial stages of our Restful API
- Improved the teams debug time by creating SQL script to normalize test data
- Participated in agile workflows

## PROGRAMMING PROJECTS

### ResponsiveGif - *Web App*

MARCH 2018

- **Skills:** HTML5, HTML5 Canvas, CSS3, JavaScript, GSAP, NodeJS, Electron, jsGif
- **Software:** Visual Studio Code, Git, GitHub
- **Description:** Create a gif of your webpage to helps analyze your responsive design
- Captured images and used JavaScript to stitched them into a gif
- Used Electrons event system to manage state between windows
- Implemented several configuration options to allow the creation of a custom graphic

### Dark Sky - *Web Game*

MARCH 2018

- **Skills:** HTML5, HTML5 Canvas, CSS3, JavaScript, GSAP
- **Software:** Visual Studio Code, Git, GitHub
- **Description:** A game about spaceships fighting in the dark
- **Link:** https://codepen.io/davidc4747/full/VXzPdz/
- Built completely with vanilla JavaScript
- Generated lighting effects using html5 canvas 'compositeOpertation'
- Created subtle light animations use the GreenSock library

### Math Challenge - *Website*

JANUARY 2015

- **Skills:** HTML, CSS3, Sass, scss, JavaScript, AngularJS, D3.js, PHP, MySQL
- **Software:** Sublime Text, Balsamiq, Git, GitHub, Grunt.js
- **Description:** Math Challenge is a fun, simple, and addictive math game.
- Built a RPC API to allow data to be requested and displayed with AngularJS
- Recorded and stored all game data to a MySql database
- Graded the user's game data through several MySql Views
- Created a simple and responsive design using CSS3 properties and media queries

### Tow Def - *Windows Game*

MARCH 2014

- **Skills:** C#, XNA
- **Software:** Visual Studio, Git, GitHub
- **Description:** TowDef is a strategic tower defense game.
- Created a tower defense game in 24 hours at the hackBCA hackathon
- Researched and implemented the A* pathfinding algorithm that controlled enemy movement

## EDUCATION

**Frontend Masters**

JULY 2018 - PRESENT

**Pluralsight**

APRIL 2016 - PRESENT

**Lynda.com**

APRIL 2015 - PRESENT

**NJIT**

SEPTEMBER 2014 - APRIL 2015

## SOCIAL MEDIA

**CodePen**

codepen.io/davidc4747

**Twitter**

twitter.com/davidc4747

**LinkedIn**

linkedin.com/in/davidc4747

**GitHub**

github.com/davidc4747