

## Bryant Wong | Software Engineer

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I am a Washington, D.C.-based full-stack software engineer who is always eager to take on new challenges. Passionate about problem-solving with an insatiable desire to learn.

**Front-End:** HTML5, CSS3, SASS, JavaScript/ES6, Typescript, React.js, Redux, Jest, jQuery, Bootstrap, Bulma, Tailwind

**Back-End:** Node.js, Express.js, Python, Django

**Databases:** MySQL, Postgres, MongoDB

**Other:** RESTful Routing, Git, Github, JSON API, MS Office, Google Ads Platform, Facebook Ads platform, WordPress/HubSpot CMS

## Professional Experience:

### Full Stack Developer (Contractor) | R.Bergen Graphic Designer Sept 2021 – Present

- Creation of full-stack, server-rendered portfolio website created with A Python/Django Server, PostgreSQL database, and full CRUD functionality.
- Developed file upload method to AWS S3 bucket using an external library and created/maintained the Bucket.
- Twilio API and package to create a live chat feature that enabled live chat without increasing amount stored on the project database.
- Created Multifactor authentication using modified login controller and Twilio external Library. Required administrative users to log in using a randomized code sent to their phone that changes after one minute.
- Adjusted base Django security so only administrative users can send get and post requests to select resources.
- Utilized Bootstrap 5 and CSS to create responsive page layouts, error styling, and overall page styling.
- Employed JavaScript Fetch function to create client rendered load screen for the landing page.

### Senior Ads Associate | FP1 Strategies June 2020 – April 2021

- Launched over 20 Google Ads marketing campaigns per week with typical budgets of over \$100,000 per week.
- Generated thousands of email sign-up leads for a google ads marketing campaign for under \$5 per lead.
- Optimized Digital Search Advertising to maintain an over 90% audience viewership while reducing cost by over 30%.
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### Management Associate | M&T Bank June 2019 – May 2020

- Utilized HTML, CSS, and JavaScript to modify SharePoint sites, added features such as conditional pop-ups modals, and updated styling.
- Worked in one-week sprints to add features to SharePoint sites with feedback from manager and end-user testing.
- Composed Excel Macros and Visual Basics to develop new yearly reporting processes, leading to decreased time to create reports.

## Projects:

### Quiz App

(*Reactjs, Redux, Nodejs, Javascript Typescript, MongoDB, NoSql*) Sept 2021

Created an app where users can play trivia quiz games of various difficulty, save scores, and see top ranking players.

- Used React Hooks and Typescript to create and render page components.
- Developed Redux global store to save user information and create authentication features.
- Implemented a RESTful API JavaScript Nodejs Backend with a MongoDB database to store information on user scores, ranks, and quiz data.

### Wayfarer

(*Django, Python, Postgresql, DTL, Javascript*) Aug 2021

Created a travel application where users can log in to leave posts about their experience in a city.

- Worked in a team of 4 to create a Django and python stack server-rendered application within one week using Git branching.
- Employed Django Framework to run queries for user, user posts, and user comment data from PostgreSQL Database.
- Leveraged Bootstrap library for modal creation, error styling, responsiveness, and overall project styling
- Utilized JQuery AJAX to make request to server for error handling without page refreshes.

### Projectly

(*Express, Node.js, MongoDB Cloud Atlas, Mongoose, bootstrap 5, javascript, Sass*) July 2021

A project management application where users can create accounts, tasks, and groups of tasks, with a timer on how long to complete a task.

- Utilized full NEM stack with a MongoDB database, Express web application framework server, and EJS HTML template to create Sass styled server-rendered application with a team of 2 people.
- Leveraged jquery and JavaScript XMLHttpRequest to create drag and drop functionality for task into task categories without page reload.
- Developed user authentication for accounts and content security using Bcrypt.js and browser cookies.
- Created user authorization functionality using Express Middleware so users are restricted to their own boards.

## Education:

### General Assembly / Software Engineering Immersive June 2021 – Sept 2021

Graduated from a Full-stack software engineering immersive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

