




Justin Golden

Front End Web Developer


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EDUCATION

San Diego State University, San Diego, CA

Fall 2015 - Fall 2019

Bachelor of Science in Computer Science

Minor in Creative Writing



Santa Monica High School, Santa Monica, CA

Fall 2012 - Spring 2015

Averaged above 4 between all five taken Advanced Placement exams, including AP Calculus AB, AP Physics, AP Statistics, AP Macroeconomics, and AP Microeconomics. 1930 SAT score, 3.5GPA

SKILLS

- Web Technologies:

JavaScript, HTML, CSS, jQuery, SASS, Bootstrap, Semantic UI, Angular, XML, JSON

- **Languages:** Python, Java, C#, C++, C, SQL, Kotlin

- **Software:** Microsoft Office Suite, Google Suite, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Android Studio, Unity

- **Skills:** web development, data analysis, writing, graphic design, video editing

PROJECTS

RGB Studios

Fall 2015 - Present

I am the co-founder of RGB Studios (rgbstudios.org), a web development company that creates web apps, websites, and android apps. RGB Studios has dozens of tools with over 25,000 weekly users across over 120 countries.



Desktop Clock

Desktop Clock is a chrome web app I've maintained since 2015 with over 20,000 weekly users across over 100 countries.

It features a night mode and 12 themes, options for the second hand, analog and digital modes, a simple mode, a date and battery display option, double-click fullscreen, and an always on top mode.

The app is a vector and scales responsively for any size screen. The entire app is written in plain HTML, CSS, and JS, and is less than 1MB. I have created all promotional images, logos, videos, descriptions, and other media assets, and manage tech support. The app has been translated into 5 languages. It can be installed from the chrome web store for free [here](#).



COURSEWORK

Java Programming

Machine Organization and
Assembly Language

Data Structures

Programming Languages

Computer Architecture

Discrete Math

Linear Algebra

Computer Science Ethics

Systems Programming

Algorithms and their Analysis

Operating Systems

Songs Searcher

Summer 2018 - Present



I created a website that lets users search by song, artist, or album, and shows the top songs matching their search term. It displays the song name, artist name, and album name, all with links to their respective iTunes pages, As well as track information such as release date and track length. It also displays a song preview and the album art, and clicking on the album art opens a full quality image in a new tab. Users can search for up to 200 results almost instantly. There are settings to choose what to display and which country to show results from, and a night mode. The app scales well for mobile and desktop, and the logo animates when a search is complete. The search term is added to the website address as a url parameter, so sharing or refreshing the page yields the result last searched without the use of cookies. This also allows for dynamic advertisements through Amazon. The website also has a Facebook and Twitter which I manage. The website is songssearcher.com, and is written with Bootstrap and less than 1MB.

Binomial Distribution Android App

Summer 2018 - Present



Binomial Distribution Calculator is an android app that allows users to quickly and easily calculate binomial distributions and probabilities. Users enter the probability of the event, the number of trials, and successes, and can instantly view the odds of at least that many, exactly that many, and less than that many successes, which are also displayed in a dynamically loaded interactive bar chart and pie chart. The app also displays the mean, variance, and standard deviation, and displays formulas for and information about binomial experiments. The app is less than 2MB and works offline. I designed the entire app, all promotional images, assets, and descriptions. The app is on the Google Play Store [here](#).

JOB EXPERIENCE

Game Programming Teacher's Assistant

September 2019 - December 2019

I helped students learn game programming with Unity, and helped them debug their projects, learn C#, Unity, and Git.

Web Development

2019 - Present

I have developed websites for Triden Group (a cyber-security company), Fiction International (a creative journal), and Depth of Revenge (a novel). I am a quick and efficient worker, and I design simple, elegant, and responsive user interfaces.

3D Game Programming

Advanced 3D Game Programming

Database Techniques