CALVIN JEE

SOFTWARE
ENGINEER

CONTACT

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PROFILE

- Portfolio
- GitHub
- LinkedIn

SKILLS

Ruby

Rails

SQL

Python

JavaScript

React

Redux

jQuery

HTML

CSS

Git

Illustrator

InDesign

Sketch

PROJECTS

Copyr - *Full-stack social media application inspired by Tumblr*
Link | Github | Ruby on Rails, Postgres, JavaScript, React + Redux, HTML, CSS
- Designed single table with cross-functionality for seven different types of posts spanning across several forms of media including image, video, and audio
- Created a wrapper component for all seven post forms to ensure consistent interactivity with CRUD functionality of Rails RESTful API
- Used a web scraper to extract metadata allowing users to share previews of articles
- Structured queries to efficiently manage performance of initial index action that executes transactions across all tables

Turtle Ninza - *2D platform shooter / defense game in the browser*
Link | Github | JavaScript, HTML, Canvas, Google Firebase, CSS
- Developed custom rendering of sprite animations and keyboard tracking in Vanilla JS
- Formulated global collision detection for all moving objects with individual actions
- Integrated Google Firebase database to store all scores and display the top five

Sleepy Record - *Object-relational mapping modeled after Rails Active Record*
Github | Ruby, SQL
- Applied metaprogramming concepts to modularly connect classes to relational databases
- Provided a querying interface and the ability to construct associations between tables with foreign-primary key relationships

EXPERIENCE

Data Analyst & Tech Support Engineer | ClickPay   *Mar 2016 - Jun 2017*
- Performed queries in SQL Server to research and troubleshoot technical inquiries with the ClickPay application and XML API issues with various real estate softwares
- Automated the integration of client data into the application using Python scripts
- Tested new features and implemented application change requests in coordination with the development team based on discovered bugs

Operations | Fountain Greetings   *Oct 2014 - Sep 2015*
- Grew platform from greeting cards to gifting concierge service leading to more than 1000 orders since official launch
- Developed bi-monthly financial and KPI reports in Excel

Consultant | SpaSilk   *Aug 2014 - Jan 2015*
- Built two SpaSilk websites on the BigCommerce platform generating revenue of approximately $50,000 in the first quarter of launch
- Analyzed historical sales by a number of product attributes in Excel to guide the launch of existing products onto various eCommerce platforms

Valuation Advisory Analyst | Duff and Phelps   *Jul 2012 - Aug 2014*
- Developed complex financial models in Excel for the purposes of evaluating business enterprises, equity interests, and intangible assets
- Researched and analyzed public company information, financial market data, and analyst reports on S&P Capital IQ, Bloomberg Terminal, and Thomson One

EDUCATION

Software Engineering | App Academy   *Jul 2017 - Sep 2017*
- 1000-hour software engineering bootcamp with a 3% acceptance rate
- Teaches full-stack web development: Ruby on Rails, SQL, JavaScript, React, Redux, TDD, algorithms, design patterns, and programming best practices

Rutgers Business School, New Brunswick | BS in Finance   *Oct 2008 - May 2012*
- Summa Cum Laude, GPA 3.9/4.0