




# CALVIN JEE

SOFTWARE  
ENGINEER

## PROFILE

 [Portfolio](#)  
 [GitHub](#)  
 [LinkedIn](#)

## CONTACT

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## SKILLS

Ruby  
Rails  
SQL  
JavaScript  
React  
Redux  
jQuery  
HTML  
CSS  
Git  
Python  
Illustrator  
InDesign  
Sketch

## PROJECTS

**Copyr** - Full-stack social media application inspired by Tumblr

[Link](#) | [Github](#) | Ruby on Rails, Postgres, JavaScript, React + Redux, HTML, CSS

- Aggregated seven types of posts into one table and optimized table structure to save on storage space while maintaining integrity of data through conditional validations
- Utilized a web scraper to extract tag information, producing a unique post on the main feed
- Devised custom queries to limit the amount of transactions executed in the database and to avoid N + 1 queries

**Turtle Ninza** - 2D platform shooter / defense game in the browser

[Link](#) | [Github](#) | JavaScript, HTML5 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 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 issues 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 excel reports

**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 for financial reporting and tax purposes
- 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