PATRICK BROWN
Software Engineer / Developer

New York, NY P: 763-350-1818 patricksbrown1992@gmail.com LinkedIn Github Portfolio

Skills: Ruby, Ruby on Rails *, RSpec, JavaScript *, jQuery *, React, Redux, SQL, Git *, HTML *, CSS3, SASS, Python *, Typescript, PostgreSQL, SQLite3, AWS, Vue, REST *, OOP *

PROJECTS:

Patrickflix **Ruby on Rails, ReactJS, Redux, Javascript, AWS, Video, Audio**   Live | GitHub
Get the hottest actors named Patrick exclusive content from Swayze and Stewart to Neil Patrick Harris
- 32 AWS storage based videos, which can be saved to a list to watch later
- Created a custom autoplay, featured video with sound on log in at the top, similar to Netflix
- Seek by drag, 10 second seek, full screen and all the other features of video playing on Netflix

NeverNote **Ruby on Rails, ReactJS, Redux, Javascript, UX, UI, CSS**   Live | GitHub
Never lose your thoughts with rich-text-edited, autosaved notes
- Built custom back-end API to verify user's email model and controller-level validation, which conditionally render helpful errors to guide user or dynamically reveals a hidden password field to finish login process
- Created a custom AutoSave feature on notes for dynamic, highly scalable and clean user experience using React with a Postgres database
- Implemented original search algorithm by using tags on notes for faster note search and cleaner organization using React state to iterate over the tags

Squirtle-Aga **Javascript, CSS, HTML5**   Live | GitHub
Classic Galaga game with Pokemon themed heroes and villains
- Created custom collision detection for interactive and engaging game physics with every render
- Linked game difficulty with current player level algorithm by increasing speed of enemies' fire rate with a random number generator to scale to player's skill
- Used Javascript and Canvas to create a stylized, responsive CSS3 interface and design

EXPERIENCE:

Full Stack Engineer
Northwest Classes   June 2019-May 2020 (Covid layoff)
- Created internal tracking system for class times, topics and clients in Agile using Rails to persist the data for record keeping and communication
- Crafted custom search algorithm utilizing the store in Redux and linked payment system
- Mentored the team of three programmers on React and trained them to integrate it into the frontend system

Field and Finance Director
Bahner for MN State House   Nov 2017 - Dec 2018
- Led a successful campaign, flipping a deeply entrenched seat for the first time in 36 years by increasing turnout 44% from the last midterm and candidate support by 20%
- Organized over 75 volunteers for over 100 door knock and phone bank events, coordinating with the up-ballot candidates
- Assembled a $65,500 budget to maximize voter contact and ensure compliance with local, state and federal election law

Due Diligence Quality Controller Investigator   *Jun* 2017 - Dec 2018
Wells Fargo

- Promoted to leadership position in 6 months with 6 direct reports to maintain quality expectations through weekly reviews, challenges and sit-downs to analyze 5% of cases to go over patterns
- Trained new hired investigators after maintaining the third lowest error rate while achieving twice the production as the next highest investigator on my team of 20

EDUCATION:

AppAcademy   2019
An immersive 1200-hour Full-Stack web engineering bootcamp. Admissions acceptance rate of 2%.
University of California, Davis -BA *International Relations*   2011- 2015
Minors- *Modern European History, Political Science, Eco*nomics

* LinkedIn Assessment Certified