PATRICK BROWN

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SKILLS: Ruby, Ruby on Rails *, JavaScript *, jQuery *, React *, Redux, SQL, Git *, HTML *, CSS3 *, SASS, Python *, Typescript, PostgreSQL, AWS S3, REST *, OOP *, Intermediate level React Hooks

LEARNING (10-16-20): Jest, Enzyme, Advanced React Hooks, RSpec, Flask, GraphQL

WORK:

Northwest Classes   Remote
Full Stack Engineer   Jun 2019-May 2020 (Covid layoff)
- Created internal tracking system for class times and clients in Agile using Rails to persist the data for record keeping and communication
- Crafted video ACT prep course by topics
- Trained the team to integrate React into the frontend system

Wells Fargo   Minneapolis, MN
Due Diligence Quality Controller Investigator   Jun 2017-Dec 2018
- 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

VOLUNTEER DEV EXPERIENCE:

Democratic-Farmer-Labor Party and Political Campaigns   Remote
Software Engineer Volunteer   *Mar* 2018-Now
- 15-25 hours a week
- Built out internal systems and campaign websites for various political campaigns
- Maintained clean voter data for campaigns ranging from Otto for Governor to state house and local races

PROJECTS:

Patrickflix **Ruby on Rails, React, Redux, Javascript, AWS, Video, Audio, Hooks**   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, React, Redux, Javascript, UX, UI, CSS**   Live | GitHub
Never lose your thoughts with rich-text-edited, autosaved notes with photos, similar to Evernote
- 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

Squirtle-Aga **Javascript, CSS, HTML5, Audio, Canvas**   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, using JavaScript and Canvas

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

* LinkedIn Assessment Certified