

CORINA SCHAMBACHER

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[LinkedIn](#)

[Github](#)

San Francisco / Petaluma / Bay Area

SKILLS React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux, Node.js, Express, Apollo, GraphQL, SQL, Git, HTML5, CSS3

PROJECTS

MyPin (STACK - Ruby on Rails, Postgres, React)

[Live Site](#) | [Github](#)

Pinterest inspired app that allows users to save inspirational images (pins) to boards.

- Optimized backend routes with custom routes to allow for better modularity in the frontend.
- Used Redux single-state management to optimize communication between backend and frontend and implement CRUD functionality, letting users update their pins and boards.
- Used Rails polymorphic associations to reduce database constraints which resulted in a lighter application.
- Implemented AWS S3 for pins image storage coupled with Active Storage.
- Created masonry layout, modals and dropdowns with CSS and HTML 5

GoPüp (STACK - Apollo, GraphQL, MERN)

[Live Site](#) | [Github](#)

App inspired by Strava but for dog walking. Users can create dog walking routes and track statistics.

- Implemented GraphQL to integrate an Express server, MongoDB and an external Leaflet maps API.
- Utilized Mongoose ORM to map results of database queries onto JavaScript objects to be manipulated and returned to frontend.
- Worked with Leaflet, a JavaScript library for interactive maps, to integrate geolocation and maps for our routes feature.

JavaScript game 2048 (STACK - Javascript and React.)

[Live Site](#) | [Github](#)

2048 is a one player 2D sliding block puzzle game where blocks with numbers are combined to add their values.

- Used React to seamlessly render the game elements and creating a smooth experience for the user.
- Authored algorithms to implement the game rules and logic, such as the movement and combination of the tiles, optimizing the speed of the game.
- Implemented LocalStorage to keep in memory the user's previous game and statistics.

EXPERIENCE

Patent and Trademark Attorney

Cruickshank IP Attorneys, Ireland 2014 - 2015

- Patent drafting and prosecution in Ireland, United Kingdom, Europe, United States and Asia

Patent and Trademark Attorney

Ashland, France 2012 - 2014

- Patent drafting and prosecution in France, Europe United States and Asia, landscaping, patentability and freedom-to-operate searches for R&D and Marketing Department, patent watch.
- Managed the Trademark portfolio for the French Business Unit.
- Close work and cooperation with legal, marketing and research teams in France, India and the United States.
- Local chapter leader for Ashland women employee group focused on improving personal and professional life, networking, and collaborating.
- held events locally such as hosting a TEDx live viewing event, community service events.

Patent Agent

IP Side, France 2010 - 2012

- Patent drafting in various areas such as mechanics, biology, biomedical, informatics, electronics; Patent prosecution in France, and Europe.
- Activities to expand the firm in South France such as networking, representing the firm at various events.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Fall-Winter 2019)

University Polytech Nice Sophia Antipolis - MS - Biotechnology Engineering (2009)