

# F. Lane Poirier

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 [flpoirier.com](http://flpoirier.com)

 [github.com/flpoirier](https://github.com/flpoirier)

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## SKILLS

Ruby on Rails / JavaScript / React / Redux / SQL / HTML / CSS / jQuery / Git

## PROJECTS

**Ramblr:** Full stack social media site built using Rails and JavaScript (based on Tumblr, hosted on Heroku). [Live](#) | [Repo](#)

- Deployed Amazon Web Services to host user media uploads (images, audio, video).
- Implemented BCrypt (passwords) and SecureRandom (session tokens) for secure user authentication.
- Reduced page load time via AJAX requests.
- CSS Flexbox used to ensure consistent visuals across browsers and screen sizes.

**Obviously Remarkable Modeling:** Ruby ORM designed to make SQL queries easier and more intuitive [Repo](#)

- Automated complex SQL queries using built-in associations
- Automatically built model classes from database tables
- Incorporated modules and multiple levels of inheritance for DRY code

**Sunset Boulevard:** JavaScript browser game built using HTML Canvas [Live](#) | [Repo](#)

- Bundled scripts in classes over various modules using Webpack
- Constructed physics engine that calculates angles, collisions, and interception points
- Visual features include: sprite that walks and jumps; sunset with gradual background color transitions; randomly-spaced and -sized stars

## EDUCATION

**App Academy** · November 2016 · New York, NY

Pair programming; coding style; best practices; test-driven development; sorting and search algorithms; whiteboarding.

**Biological Sciences, BS** · August 2013 · University of Rhode Island · Kingston, RI

- Calculus, Statistics, Genetics, Organic Chemistry, Biochemistry, Microbiology
- National Merit Semifinalist (2006), Candidate for Presidential Scholarship (2006), Dean's List (Fall 2011).

## WORK EXPERIENCE

**Taco Comfort Solutions**, Cranston, RI || Sept. 2015 - Aug. 2016 || *Administrative Assistant*

Created inventory and production forecasts with enterprise resource planning applications. Supported team during transition from legacy software to more powerful system.

**Department of Environmental Management**, Providence, RI || Feb. 2015 – Aug. 2015 || *Administrative Aide*

Served as liaison between departmental director, state senators, and governor's office. Implemented new hiring procedures. Tracked environmental legislation during passage through State House.