

# CHRISTOPHER DUERKES

## Full Stack Web Developer

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### SUMMARY

Full-stack web developer with object-oriented programming skills (primarily Ruby/Rails), front-end development skills and a commitment to best practices (test-driven development, continuous integration, agile methods).

### EXPERIENCE

#### **THORLABS | January 2018 - Present**

Developing reusable web-based tools (UI and database admin) using ColdFusion, SQL, HTML, CSS and Agile for an international company that creates photonics equipment for research.

#### **FIREHOSE | Bootcamp Capstone Project**

Contributed to the development of an online chess application using test-driven development and agile methodology.

♔ Created movement and obstruction logic for chess pieces, and a method for determining whether a king is in check. [See the code on GitHub.](#)

♚ Used jQuery to dynamically create buttons for pawn promotion, and jQuery ui draggable and droppable to update piece locations through a RESTful JSON API. [See the code on GitHub.](#)

👤 Collaborated with remote team using agile methods: stand-up meetings/sprint planning (Google Hangouts), task boards (Trello), TDD (RSpec), continuous integration and deployment (Codeship), and pull requests/code reviews (GitHub).

### PROJECTS

[Chesster](#) - A two-sided, video-streaming marketplace platform that features credit card payment capabilities, user role management, complex user interfaces, and advanced database relationships.

[Grammable](#) - An Instagram clone that was built using industry-standard, test-driven development following numerous red/green/refactor cycles.

### SKILLS

**Languages** Ruby, JavaScript, HTML, CSS

**Libraries/Frameworks** Ruby on Rails, jQuery, Bootstrap

**Database** PostgreSQL

**User Authentication** Devise

**Testing Frameworks** RSpec (Unit Testing), Codeship (Continuous Integration and Deployment)

**Version Control** Git/GitHub

**CSS Preprocessor** Familiarity with SASS

### EDUCATION

Full-Stack Web Development | Firehose Project

MSc., Soil and Water Science | University of Florida

BSc., Environmental Biology | Columbia University