

# Carson Swope

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## Projects **Sport Scheduler** • [github](#) (Full stack engineer)

*Website for quick and easy sports league scheduling.*

- ❖ Single page app built on PostgreSQL, Ruby on Rails and React.
- ❖ Public API for integrating custom schedules into existing platforms.
- ❖ Stores user's resources and navigational state with Flux and dynamically updates the page accordingly.
- ❖ Utilizes polymorphic and regular ActiveRecord associations.
- ❖ API replies include relevant associations for efficient database queries.
- ❖ Conflict verification prevents user from scheduling conflicting events.
- ❖ Uses Index and Show partials to render different resource types.

## **Jezzball** • [github](#) (Front end engineer)

*Clone of early Windows classic.*

- ❖ Custom collision detection and screen searching algorithms.
- ❖ Flux-driven game loop.

## **ActiveRegistry** • [github](#) (Back end engineer)

*Custom ORM inspired by ActiveRecord*

- ❖ Basic has\_many and belongs\_to associations
- ❖ Infinite association chaining using has\_many\_through

## Skills React.js • Flux • jQuery • JavaScript • Ruby • Ruby on Rails • SQL • HTML • CSS

## Education **App Academy** • San Francisco, CA • Jan - April 2016

**1001-hour intensive web development course**

- ❖ Full web development stack
- ❖ Algorithms and data structures

**BA • Philosophy**

**University of Puget Sound • 3.5 GPA • 2014**

- ❖ **Relevant Courses:** Formal Logic, Philosophy of Language, Statistics

## Experience **Tile Installer** • Portland, OR • Feb - Nov 2015

- ❖ Full stack tile engineer responsible for on-time and high-quality completion of tile installation contracts in both new residential construction and existing residential remodels.
- ❖ Coordinated project timelines with demands of other trades working in limited space.