

NICHOLAS REIS

SOFTWARE ENGINEER

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SUMMARY

The ability to apply my technical skills, to collaborate with others, and to bring my ideas to life is what keeps me motivated. My musical background has given me the ability to apply my creativity, discipline, and focus during my development as a software engineer.

SKILLS

FRONT END: jQuery, HTML5/CSS3, Bootstrap

BACK END: Ruby, Rails, Sinatra, Python, Flask

TEST DRIVEN DEVELOPMENT: RSpec, Jasmine, Unit Testing

DATABASES: PostgreSQL, SQL, ActiveRecord, SQLite

CONCEPTS/PRACTICES: Agile Methodologies, RESTful API, AJAX, Pair Programming

SOFTWARE/PLATFORMS: OS X, Windows, Linux, Heroku, Github

PROJECTS

RECIPES ROYALE

Recipes Royale is a responsive web app that allows you to crowdsource recipes with ease. A user can personalize a recipe collection and find recipes by ingredient, all in one convenient location.

- Designed the wireframe, implemented AJAX, and contributed to the front-end
- Tech stack: Rails, JavaScript, jQuery, Heroku, PostgreSQL, HTML, SCSS
- [Github](#)

ALL TOGETHER NOW

All Together Now is an animation that demonstrates my front-end skills using only HTML, CSS, and JS. It acts like a flash animation, but elements are being manipulated live on the client side without any flash dependencies.

- Homage to the classic Beatles tune
- Tech stack: HTML, CSS, JavaScript, jQuery, Heroku
- [Github](#)

TURTLETRON

TurtleTron is a desktop game based off of the 1982 cult classic, Tron, that allows you to drive and maneuver your light cycle to avoid your opponent's trail and surrounding walls.

- Programmed in Python using OOP
- Leveraged functionality of the built-in Turtle module
- [Github](#)

RES2GO

Res2Go is a single page web app that allows a user to track a reservoir's water level. If the reservoir level falls below the minimum threshold or rises above the maximum threshold set by the user, a notification can be sent to them.

- Built in less than a week
- Tech stack: Sinatra, JavaScript, jQuery, Heroku, PostgreSQL, HTML, CSS
- [Github](#)

EXPERIENCE

STARLAND SCHOOL OF MUSIC Music Teacher

Alameda, CA
Aug 2013 to Aug 2016

Starland Music is a private music studio that offers music lessons on a variety of instruments, including the piano, guitar, and ukulele.

- Students varied from kindergarteners to senior citizens
- Assisted and inspired a number of students to create their own musical compositions and premiere their work
- Taught 25+ students individually weekly, monitoring progress based on fundamentals, book completion, theory, and amount of practice

YBM ECC ESL Teacher

Seoul, South Korea
Jun 2010 to Aug 2011

YBM ECC is an academy that serves kindergarten through middle school students who want to learn English as a second language.

- Taught students phonics, grammar, reading, writing, and listening through the use of books, CDs, activities, and games
- Incorporated technology into lessons including powerpoint, iPad apps, and computer games to inspire and educate
- Prepared and managed ~10 classes daily based on unique subject matter

EDUCATION

University of California, Berkeley
B.A. Music 2007

Dev Bootcamp
Full Stack Web Development 2016