

Skills

Programming/Web languages: Java, Ruby, C++, Objective-C, HTML, CSS, JavaScript.

Databases: PostgreSQL, MySQL.

Platforms: Windows 7, Ubuntu 16.04.1 LTS, OS X Yosemite.

Other: Rails, React, Redux, iOS 8.4, Xcode 6, Android Studio, Visual Studio Professional 2008, Eclipse Mars, Spring, Thymeleaf, JUnit.

Experience

Software Engineer Intern

Synactive, Inc.

March 2015 - July 2015

- Collaborated with the Development team to implement iOS Bluetooth printing feature for customers (Objective-C).
 - Modified existing solution working for Zebra Bluetooth printers to create a generic solution applicable to all Bluetooth printers.
 - * Modified existing code dependent on the Zebra SDK to use iOS SDKs.
 - * Created code to handle memory leak issues.
 - * Wrote code to display user menus to select Bluetooth printer.
 - * Wrote code to save a default Bluetooth printer.
 - * Wrote code to display informative error messages.
 - Assisted members of the Professional Services team to create documentation for customers.
- Worked independently to fix customer reported bugs (Objective-C and C++).
 - Used Visual Studio and Xcode to refactor code and add requested functionality.

Education

California State University, East Bay: Master's Degree, Computer Science, Fall 2014

University of California, Davis: Bachelor's Degree, Biological Sciences

Projects: (source code is uploaded to GitHub)

Computer Build Tracker (<https://github.com/ttran9/comp-build-tracker>): A web application built using Java, Spring, MySQL, and React to track computer builds and its associated details.

- Wrote automated tests to verify functionality, such as being able to create a computer build, computer parts, or creating notes.
- Used React and Redux to create the front-end portion of application.
- Used Spring Boot and Spring Security to create the back-end API.
- Used JWT authentication to protect secure endpoints such as when attempting to create a computer build or add computer parts.

TT-WeatherForecast-Rails (<https://github.com/ttran9/rails-weather-forecast>): A project allowing me to use Ruby, Ruby on Rails, RSpec, and PostgreSQL.

- Used the Chartkick gem to display forecast results.
- Used the Devise gem to process with user authentication
- Used a PostgreSQL database to store information about past user searches, hourly and daily forecasts.
- Used RSpec to verify expected and desired behavior.

ARImplementation (<https://github.com/ttran9/AllRecipesJavaSpring>): An independent project allowing me to develop with a variety of Java Technologies such as Spring MVC, Spring Security, and JUnit.

- Created a relational database in PostgreSQL to store User information, Recipes, Shopping, and Pantry Lists.
 - Wrote JUnit tests to test functionality.
 - Used Spring Security to prevent unauthorized access to protected web pages.
 - Used Spring MVC annotations to provide URL mappings to allow users to make web requests and have HTML pages returned.
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