ANDY LUI

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Skills Summary

Javascript(ES5-6), React, HTML5/CSS3, Typescript, MySQL, Webpack, Node.js ***

MongoDB, Github, Python, Unit/Functional Testing **

Java, JSP/Servlets, Django, Flask / Docker, Linux Administration, Bash scripting

Projects

1. Airbnb Mock 2016
   - Utilized Airbnb's official/unofficial API to create a mock of their front page rental lookups.
   - Integrated React Google Map Library
2. Scroll-n-react 2017
   - Created a React Component Library not too dissimilar from other Infinite Scroller Components but also mimics Facebook Chat Messenger scroll up UX.
   - Written with Typescript
3. Socket-To-Observable 2017
   - A library that leverages socket.io namespaces/rooms and maps them to RxJs Observables.
   - Pushes the developer towards declarative coding patterns, much like Redux.
4. Typewriter
   - An animation library to create typewriter animation with a JQuery Fluent-like API.
   - Uses HTML5 APIs, particularly requestanimationframe, to allow for efficient rendering.
5. TS-generator
   - A yeoman generator that produces a setup I have come to enjoy which includes Typescript, Webpack, TSDocs, TSLinting, and Jest testing.

Education

Bachelor Of Science: Biological Sciences

cGPA 3.955 Rank (6th / 822)

Job Experience

1. English Teacher 2015-2016
   - Introduced children in South Korea to the English language.
   - Great opportunity to introduce brand new ideas to fresh brains.
2. Clinical Research Specialist 2013-2014
   - Studied the possibility of applying NIRS(Near infrared spectroscopy) for diagnosing Traumatic Brain Injury.
   - Secured funding from private companies to extend research lifetime.
   - Performed data processing with VB scripts.