

TIM HWANG

New Haven, CT
06510

development languages

Ruby
Javascript (ES6, ES7)
CSS3 (SASS, SCSS)
SQL
R
Python
VBA

libraries & frameworks

Ruby on Rails
React (Flux, Redux)
jQuery

statistical analysis

ANOVA
Regression
IRT
SEM

languages

English
Mandarin Chinese

work history

Rocket Fuel • Web Applications Developer (2016)
Software Engineer on the Product team.
Technologies • React; Redux

South Norwalk, CT

projects

codeGenius • Code annotation web application for novice programmers [Live](#) • [Github](#)
Technologies • Ruby on Rails; PostgreSQL; React.js
Responsive design • Features single-page front-end for streamlined user experience; "optimistically" renders pages using cached data when editing
Custom authentication • Uses front-end integrated authentication built with BCrypt
Efficient API structure • Streamlines database queries using nested JSON views

Shortcut Sloths • Educational browser game about text editor shortcuts [Live](#) • [Github](#)
Technologies • Javascript; jQuery; CSS3
Text editor simulation • Replicates functionality of modern text editors using jQuery and keymaster.js, with features such as multiple selection & arrow key navigation

education

App Academy • Full-Stack Web Development (2016 - current) [San Francisco, CA](#)
Competitive software development bootcamp with 3% acceptance rate
Technologies • Ruby, Rails, SQL, JavaScript, React.js, HTML5, CSS
Topics • Test-driven development, object-oriented design, database design, algorithms

UConn • PhD • Industrial-Organizational Psychology (2013-2016) (**Incomplete**) [Storrs, CT](#)
GPA • 3.8
Research Interests • Judgment & decision-making, recruitment, leadership, statistical methods & psychometrics
Publications • 1 journal article; 1 conference presentation; 2 white papers

Rice • BA • Psychology, Managerial Studies; Business minor (2009 - 2013) [Houston, TX](#)
GPA • 3.4, President's Honor Roll