
Terence Buchanan

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SKILLS

AWS	Ruby on Rails	JavaScript	jQuery	React	Flux
SQL	Git	HTML/CSS	Java	RSpec	Photoshop CC

PROJECTS

[keepScrolling](#) - Ruby on Rails, Javascript, React.js/Redux ([Github](#))

Single-page web app inspired by Tumblr

- Developed custom web forms for media upload functionality both dynamically and statically
- Implemented concise React components and containers to keep code DRY
- Deployed AWS services to improve scalability and reduce server load

[appAttack](#) - JavaScript, Canvas, HTML ([Github](#))

2D browser game inspired by Maplestory

- Developed key input trackers with jQuery event listeners for responsive gameplay
- Applied collision detection via box bounding to assist object updates and improve gameplay

[mtaETA](#) - JavaScript, Electron ([Github](#))

MTA Subway scheduling desktop application

- Developed proprietary algorithm to survey incoming trains at all stations within a 1 mile radius
- Tightly formatted and displayed JSON response data via DOM Manipulation

[block-y](#) - JavaScript, React.js ([Github](#))

Single-page Bitcoin Transaction Viewer

- Created a small Node.js/Express server that sends server-to-server requests utilizing the Blockchain.info API, to prevent CORS errors, subscribe to an address, and fetch previous transaction information
 - Utilized Javascript Websockets to provide live updates to the transactions list upon incoming transactions
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EXPERIENCE

Web Development Intern - App Academy

May 2017 - Present

- Conduct live technical screens of bootcamp applicants, assessing algorithmic aptitude in various languages, including JavaScript, Ruby, Python, and Java
 - Develop in-house interviewing codeshare to simplify and consolidate the interviewing process
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EDUCATION

App Academy

Feb 2017 - May 2017

- Intensive 1000+ hour Full Stack Web Development course, < 3% acceptance rate

University of Massachusetts Amherst

2008 -2014

- Bachelor of Science (B.S.), Psychology; Minor: Information Technology
- Relevant courses: Introduction to Problem Solving with Computers (Java), Programming with Data Structures (Java)