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# Terence Buchanan

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## SKILLS

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

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## 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*

- Implemented HTML5 Canvas for dynamic and fluid sprite animation
- 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 with 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

### Hacker in Residence - App Academy

**May 2017 - Present**

- Conduct live technical screens of coding bootcamp applicants and assess algorithmic aptitude in various languages, including JavaScript, Ruby, Python, and Java
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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)