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# Terence Buchanan

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## SKILLS

AWS      Redux      JavaScript      jQuery      React      Flux  
SQL      Git      HTML/CSS      Java      Typescript      Photoshop CC

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## EXPERIENCE

### Frontend Developer - Blockchain.com June 2018 - May 2022

- Developed a crypto Exchange catered to millions of users with React, TypeScript, Redux and Styled-Components
- Built several major features for internal tools which allow customer support to assist customers with their accounts in an administrative way.
- Achieved 100% flow coverage on the Exchange, then switched to Typescript
- Collaborated and conducted releases on multiple products
- Participated in feature design and Backend API meetings
- Optimized flyout performance and reduced load time by 90% with performance profiler

### Hacker in Residence - App Academy May 2017 - May 2018

- Conducted live technical screens of coding bootcamp applicants and assess algorithmic aptitude in various languages (JavaScript, Ruby, Python, and Java)
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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 within a 1 mile radius
  - Tightly formatted and displayed JSON response data via DOM Manipulation
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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