Terence Buchannan

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Projects

keepScrolling | *Ruby on Rails, JavaScript, React/Redux* | Live | Github |
Single-page web app inspired by Tumblr
- Developed custom forms to allow 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* | Live | Github |
2D browser game inspired by Maplestory
- Implemented HTML5 Canvas for dynamic and fluid sprite animation
- Developed key input trackers with jQuery event listeners to allow responsive gameplay
- Applied collision detection via box bounding to facilitate object state updates

DOMination | *JavaScript* | Live | Github |
Lightweight DOM manipulation inspired by jQuery
- Applied DOM manipulation, traversal and event handling using Vanilla JavaScript
- Allowed setting and removal of event listeners on DOM elements to aid manipulation
- Implemented AJAX functions using XMLHttpRequest web api

Experience

Software Engineering Intern - *App Academy*   2017 – Present
- Conduct live technical screens of coding bootcamp applicants and assessed algorithmic aptitude in various languages, including JavaScript, Ruby, Python, and Java

Skills

Ruby	Rails	JavaScript	jQuery	React	Flux
SQL	Git	HTML/CSS	Java	RSpec	

Education

App Academy   February - May 2017
1000-hour full-stack software development course with <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)