

LANCE  
HUDDLESTON II  
SOFTWARE  
DEVELOPMENT  
ENGINEER IN TEST

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Professional in IT, providing experience in quality assurance, software development, and excellent customer service. Looking to acquire a full-time position in web development/software development industry.

Skills

- FRONT-END**
- JavaScript (ES6)
  - Bootstrap
  - HTML
  - CSS
  - SCSS
  - Web Components
  - Polymer
  - AJAX
  - React.js
- BACK-END**
- Node.js
  - npm
  - Python
  - Express
  - MongoDB
  - Mongoose
- TESTING**
- Applitools
  - NightwatchJS
  - Mocha
  - Chai
  - Sauce Labs
  - Behave
  - Storybook
  - Jest
- TOOLING**
- Git
  - GitHub
  - JIRA
  - Confluence
  - Microsoft Office Suite
  - VS Code
- SOFT SKILLS**
- Public Speaking
  - Creativity
  - Communication
  - Adaptability
  - Critical Thinking
  - Collaboration with others
  - Strong Willingness to Learn
  - Project leadership
- METHODOLOGIES**
- DOM Manipulation
  - Version Control
  - Agile Development/SCRUM
  - Shell Scripting
  - Object-Oriented Programming
  - Functional Programming
  - BDD
  - TDD

Employment

USA Today  
Associate Software Development Engineer in Test  
McLean, VA  
Feb. 2019 to Current

- Operating within a Kanban workflow to complete quarterly automation initiatives for three consumer-facing USA Today Network applications
- Working closely with management to identify gaps in automation and create coverage via test automation with Selenium WebDriver and Python Behave
- Exhibiting project leadership with our automation efforts for three key in-house applications that handle newsletter management, account management, and subscription services. Work includes maintenance, refactoring, and removal of old test cases, the addition of API testing for our email management system and enhanced documentation for visibility.

USA Today  
Software Development Engineer in Test Intern  
McLean, VA  
Aug. 2018 to Jan. 2019

- Utilizing the NightwatchJS framework as well as Applitools, delivered visual and functional tests for USATODAY.com. Work also included projects related to a proprietary automated video player and mid-term elections. Delivered valuable feedback to developers and designers while reducing the amount of manual testing.
- Led a proof of concept effort for USA TODAY that will allow us to leverage existing Web Component Tests, producing visual tests within Applitools. Worked with management and the project team to evaluate the framework, assess feasibility and promote and educate the entire department about its potential value.
- Inspecting over 200 visual test results daily using Applitools and detecting bugs in USA TODAY's mobile sites. Numerous defects were identified and resolved after feedback was delivered to the project team.
- Collaborated with infrastructure team to build the Quality Visualization Dashboard, a SumoLogic dashboard that visualizes automated test data. Assisted in designing and building Jenkins pipeline, integration testing, the design, creation and linkage of dashboards, and review and feedback of the Test Aggregator API.
- Operating within an Agile workflow to complete tasks in a two-week sprint cycle, taking part in daily stand-ups, grooming before sprints and retrospective afterward to discuss what was accomplished.

Web Development Experience

React Calculator  
Feb. 2019 to Mar. 2019

- Designed and developed a fully functional calculator with 10 digits, typical math operators and a second page with more advanced operators like percentage, exponents, powers, pi, and more.
- Implemented responsive design with Rem units to ensure that the application function as cleanly on mobile devices.
- Technologies used: HTML5 SCSS, CSS Grid, JavaScript (ES6), React, math.js, npm
- View repository here: <https://github.com/lhuddlesto/react-calculator>

React Drum Machine  
Dec. 2018 to Jan. 2019

- Created a virtual drum machine with nine pads, two sound banks, and volume controls to simulate a real one.
- Utilized SCSS nesting to organize CSS code in a tree-like structure, and sectioned it by component. Implemented variables and mixins to make the code more concise and readable.
- Demonstrated solid understanding of React's lifecycle methods, state setting, and props through passing information between child and parent components.
- Technologies used: HTML5, SCSS, CSS Grid, JavaScript (ES6), React, npm.
- View repository here: <https://github.com/lhuddlesto/react-drum-machine>

Anime Quote Generator  
Jan. 2019 to Jan. 2019

- Created a web application that displays random quotes from anime characters, along with dynamic style changes to represent them.
- Utilized SCSS loops, conditionals, variables, and lists to create dynamic classes and styling while promoting code readability and simplicity.
- Used Math.floor method to randomize quotes seen by the user
- Technologies used: HTML5, SCSS, CSS Grid, JavaScript (ES6), React.js, npm.
- View repository here: <https://github.com/lhuddlesto/anime-quote-machine>

Tipify  
Sept. 2018 to Sept. 2018

- Developed a system for computing a waiter's tip at a restaurant based on the quality of service, the price of the bill and the number of guests being served.
- Technologies used: HTML5, CSS3, Bootstrap, JavaScript

Education

Year Up  
Mar. 2018 to Current

- Participating in leading national career development program that prepares students for roles in IT support, software development and testing; program includes college-level coursework, career training, and a 6-month corporate internship.
- Earned credits through the American Council on Education's College Credit Recommendation Services; coursework focuses on track-specific content (such as computer hardware, quality assurance, project management, or software development), along with Microsoft Office applications, advanced Excel, business writing, and public speaking.

Free Code Camp  
Jan. 2018 to Current

- Free Code Camp is an online full stack web development program. Beginning with tutorials that introduce students to HTML, CSS and JavaScript, students progress to project assignments that they must complete either alone or in pairs. Upon completion of all project tasks, students are partnered with other nonprofits to build web applications, giving the students practical development experience.
- Earned Responsive Web Design Developer and JavaScript Data Structures and Algorithms Certifications, working towards Front-End Libraries Certification
- Built 12 projects and completed 644 coding challenges.
- Responsive Web Design Certification: <https://www.freecodecamp.org/certification/nomadfox/responsive-web-design>
- JavaScript Data Structures and Algorithms Certification: <https://www.freecodecamp.org/certification/nomadfox/javascript-algorithms-and-data-structures>

Awards

Whitley Denson · Academic Excellence Award  
June 2018

"This Academic Excellence Award is presented to Lance Huddleston II for earning straight A's in Core Year Up courses at Year Up NCR".

Whitley Denson · Professional of the Week Award  
Apr. 2018

"As voted by his community, he has demonstrated a strong desire to engage and succeed in the program. He has worked effectively with his colleagues. He exemplifies professional polish. He demonstrated tremendous leadership and perseverance."