

Jacob R. Lowenthal

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Education

- Graduate Certificate in Web Application Development** January 2018 - (expected) April 2019
Boston University, Metropolitan College; Boston, MA GPA: 3.90
- Bachelor of Arts in Psychology; Minor in Music; Cum Laude** September 2012 - May 2016
St. Mary's College of Maryland; St. Mary's City, MD GPA: 3.70
- Honors/Awards: Senior research thesis nominee (Spring 2016), SMCM Excellence Scholarship (Summer 2013 - Spring 2016), Distinguished St. Mary's Scholar (Fall 2014 - Spring 2016), Psi Chi Honor Society (Spring 2014)

Professional Experience

GoldenWolf, LLC; Huntingtown, MD

- Quality Assurance Assistant** November 2018 - Present
- Communicated both verbally and in writing how Smartsheet's technical features satisfy business requirements for contract management, collaboration, and organization
 - Collaborated with a coworker to create a Smartsheet dashboard for the company's president and CEO so that they can conveniently access information about each contract

- Technology Intern/Assistant** June 2018 - November 2018
- Researched and helped select a WordPress plugin called LearnDash to build a functional training website which was sold to stakeholders
 - Incorporated custom CSS into the training website and configured a WordPress Child Theme
 - Leveraged the JavaScript YouTube API to prepare training videos for uploading to the website
 - Performed IT support tasks including: Configuring new PCs, replacing faulty computer batteries, reinstalling Windows, factory-resetting PCs, and identifying driver and software issues

- Pet Caregiver** April 2017 - November 2018
- Independent Contractor, Rover.com; Calvert & Anne Arundel Counties, MD
- Provided exercise, nourishment, and socialization for dogs to maintain their quality of life
 - Leveraged social media and identified my target market to build a consistent client base

- Research Assistant** August 2016 - November 2016
- Division of Cognitive Neurology, Johns Hopkins School of Medicine; Baltimore, MD
- Assisted with the multi-step process of conducting research on language, communication, and cognitive deficits in autism spectrum disorders, with a specific focus on severe autism
 - Helped resolve computer issues pertaining to both equipment and software functionality by communicating effectively with an IT specialist over the phone

Relevant Courses/Projects

- Web Application Development; BU MET** October 2018 - December 2018
- Constructed a professional portfolio website combining HTML, CSS, JavaScript, and jQuery
 - Increased website usability with the following: Semantic HTML, fluid sizing and layout with CSS, and JavaScript and jQuery to expand/collapse both text and images
 - Manipulated the DOM and performed form validation using JavaScript
 - Performed an AJAX request to prepare JSON data for populating an HTML table
- Information Structures with Java; BU MET** March 2018 - April 2018
- Applied OOP with Java to demonstrate file input, control structures, multithreading, and exception handling to count the occurrences of each letter of the alphabet within a web page
- Software Quality, Testing, and Security Management; BU MET** January 2018 - March 2018

- Collaborated with a mock Agile/Scrum development team to deliver a minimum-viable product: A printing management system that printing companies could incorporate into their services
- Created process assets such as software requirements, persona definitions, an estimation record, a configuration items list, wireframes, UML diagrams, test cases, and defect tracking

Undergraduate Senior Research Thesis; St. Mary's College of Maryland Fall 2015 - Spring 2016

- Conducted a psychological study about how music affects reading comprehension and fluency
- Analyzed data using SPSS and disseminated results within a detailed scientific manuscript
- Presented a scientific poster to professorial and peer audiences at a research symposium

Certificates

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| • Interactivity with JavaScript
Coursera/University of Michigan | December 2017 - January 2018 |
| • Introduction to CSS3
Coursera/University of Michigan | November 2017 - December 2017 |
| • Introduction to Interactive Programming in Python
Coursera/Rice University | October 2017 - November 2017 |
| • Introduction to Web Development
Coursera/University of California, Davis | September 2017 - October 2017 |
| • Human-Centered Design: An Introduction
Coursera/University of California, San Diego | August 2017 - September 2017 |
| • Introduction to HTML5
Coursera/University of Michigan | August 2017 |
| • Python for Informatics (Five-Course Series)
Coursera/University of Michigan | January 2017 - July 2017 |