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| Richard “Dickie” Lierman Quality Assurance Automation Engineer  Highly focused engineer with over 11 years of QA and development experience and the last 6 in software automation with a curious, problem solver mentality. Additionally, Understands the needs of robust testing to bring the best user experience available to the clients, and their customer base while also focusing on meeting quality goals and identifying gaps. | |
| Contact [Richard.lierman@gmail.com](mailto:Richard.lierman@gmail.com)  (727) 267-7233  Chattanooga, Tn  [linkedin.com/in/richard-dickie-lierman/](https://www.linkedin.com/in/richard-dickie-lierman/)  [github.com/dickielierman](https://github.com/dickielierman) Proficiencies Software   * Visual Studio Code * PyCharm * JIRA * Word * Excel * Git * Bit Bucket   Programming   * Python * HTML * CSS * NodeJS * Express * MongoDB/Mongoose * Jquery/Javascript * SQL/MySQL * PhP   Automation   * Selenium Webdriver (Python) * Puppeteer * Cypress * Nightwatch * WebdriverIO   Productivity   * Agile SDLC * Manual software testing * Test case development   Course Work  Udemy   * [WebdriverIO: Automate Front-End Web Application Testing](https://www.udemy.com/certificate/UC-2da52b29-5189-4f12-97bd-48423351793f/) * [Cypress V9 - Automation Testing in Detail (35+ hours) – 2022](https://www.udemy.com/certificate/UC-1fb7c6d7-b774-4db7-b75a-a1ce8b7ad641/) * [Automated Software Testing with Puppeteer](https://www.udemy.com/certificate/UC-ed275f2b-77d8-4af0-9458-669854963610/) * [Web Automation Testing For Beginners Using Nightwatch.js](https://www.udemy.com/certificate/UC-fff44d9c-4c99-4ed3-860a-975cfdeb352e/) * [Nightwatch.js Quick Start Guide](https://www.udemy.com/course/nightwatch-quick-start-guide) * [ExpressJS Fundamentals](https://www.udemy.com/course/expressjs-fundamentals) * [MongoDB Essentials - Understand the Basics of MongoDB](https://www.udemy.com/course/mongodb-essentials) * [MongooseJS Essentials - Learn MongoDB for Node.js](https://www.udemy.com/course/mongoosejs-essentials) * [Projects in Node.js - Learn by Example](https://www.udemy.com/certificate/UC-2d0d7781-b240-4a86-b467-d430cf73166a/)   Linkedin   * [Learning Python (2020)](https://www.linkedin.com/learning/certificates/75dce3108251a954332ea6f5ca7af7f755d0ccd7101bbe8a0a3fb7d3a9c5e99e?trk=share_certificate) * [Using Python for Automation](https://www.linkedin.com/learning/certificates/41270cf80f02721172ddebc112e5aa4c3f05812e4d0c5c5a7adff283b896336c?trk=share_certificate) * [Advanced Selenium: Automation Frameworks](https://www.linkedin.com/learning/certificates/af98c5c9fc4aec2d3a60c25c57bebfbe23953e28bc5af46e5d3d3377ed33c7f3?trk=share_certificate) | Work Experience **Software Automation Engineer**  **Responsive Auto Inc. – Plantation, Fl**  *Feb 2020 - April 2022*   * Worked in the IT/Development team as the sole automation engineer to develop robust internal APIs to automate tasks using NodeJS, Express, Mongoose (MongoDB), and Puppeteer, with a focus on compartmentalization, and separation of services. * Worked closely with the QA team in all automated test planning, development, and implementation, of Selenium web automation, and automating other ancillary tasks, like report building, using Python as the language base. * Automated scraping the client’s outdated web-based software interface for all policy data for every policy in the system, importing that data into their new system, saving the company millions in operating costs of running two policy administration systems. * Created tests and scenarios covering all aspects of the policy administration system UI for regression, Integration, and system testing. * Created ad-hoc automation unrelated to the core system, like automating the retrieval of information from third party APIs and generating reports for various team leads in the company. * Regularly made suggestions to update and upgrade our testing processes, and consistently improving our thoroughness.   **Quality Assurance Analyst**  **Maximum Processing Inc./Sapiens America – Bradenton, Fl**  *Aug 2011 - Jan 2020*   * Created frameworks for regression testing all client systems with selenium, python, and various IDEs. * Explored new technologies and tools that the quality assurance team could use for testing purposes. * Updated and maintained automated test scripts to complete consistent manual tests. * Greatly reduced regressive errors by introducing and implementing automated regression testing into the quality assurance workflow, saving the company money, and building client trust in the work we were doing. * Involved in the planning and execution of manual and automated test cases. * Increased the quality of our products with manual ad-hoc testing and creating test cases and documentation to support my findings, resulting in better productivity and improved workflows. * Collaborated with business analysts and development teams to fully understand the clients feature and functionality needs and expectations. * Worked in tandem with business analysts to review documentation and resolve system requirement conflicts. * Worked with off-site teams to complete timely tests and facilitate smooth product releases. * Documented identified defects using Excel, Word and JIRA and helped developers complete further testing to resolve issues.   **Web Developer**  **Lierman International** **- St. Petersburg, FL**  *2006-2020*  **Lierman International** [**www.liermanintl.com**](http://www.liermanintl.com/)  Working as the lead developer, I oversee all projects. I work with the clients to find out their needs, and find the solution that best suits their business. We build websites using languages like php, html, css, javascript, jquery, mysql, and frameworks like wordpress, usercake (depreciated and phased out), userspice, and completely custom ground up applications.  **Project Proson: The People Factory (QA Tool)** [**http://projectproson.liermanintl.com**](http://projectproson.liermanintl.com/)  Based on a set of JavaScript extensions I created for Selenium IDE, I designed and developed an online tool for manual QA testing, with inputs for gender, state, and age, generates “realistic people” with 55 unique pieces of information, that can create realistic end users to test systems.  **Uprise Design** [**www.uprisebrand.com**](https://www.uprisetshirts.com/store/)  I designed, developed and maintained a custom e-commerce cms using php, html, css, javascript and mysql. While developing for Uprise, I worked closely with the company, offering solutions for their needs, and suggested ways they could improve the overall customer experience by adding and changing certain features.  **Encore Energy** [**www.encorenergy.com**](https://www.encorenergy.com/) **/ EnerVantage** [**www.enervantage.com**](http://www.enervantage.com/)  Created a wordpress based website for Encore Energy, and then moved them to a purpose-built framework for the core website, and built a second website for another division of the company. I maintained this company’s websites for 2 years. I worked closely with the business analyst and the client suggesting features and changes.  **D.S.S. Recording Studio** [**www.dssrs.com**](http://www.dssrs.com/) **/ Invasion Records**  Developed a wordpress site and custom theme. Worked with the client to create the branding for the company. Created promotional materials and graphics and maintained the website for 1 year.  Developed a custom website and branding for the studio owner’s recording label Invasion Records.  **HBP5 (Husker Bob Point 5)**  I designed and developed a complex college football bet tracking system and all branding. I worked closely with the client to document all features, and created online graphs to show statistics and overall performance of users.  **GED •** *Chattanooga State Community College • Chattanooga, TN • 1999* |