

# Tony Lockhart

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Portfolio: <https://tlockhart.github.io/portfolio/>

Full Stack Web Developer with experience in business transformation services. B.S. in Computer Science, M.S. in Digital Media, and Full Stack Web Development Certificate. Strengths include object-oriented design, TypeScript, JavaScript, and the MERN (MongoDB, Express, React, Node.js) stack.

*Technical Skills:* TypeScript, JavaScript, jQuery, CSS3, HTML5, Bootstrap 4, Media Queries, APIs, JSON, REST, AJAX, Node.js, Express, React.js, PowerShell, Firebase, MongoDB, MySQL, DB2, Git, GitHub, Unix, Docker, User Experience Testing, Figma, Adobe Creative Suite.

## RELEVANT EXPERIENCE

### **Pearson Education**, Atlanta, GA

*Creative Technologist*, 2021 - Present

- Created interactive prototypes and flows for the Revel immersive learning platform.
- Created placement test prototypes for Mondly language learners.
- Created student 3D interface for MyLab and Mastering platform with React Three Fiber.
- Developed routing and components for the Endeavor prototyping management platform.
- Endeavor Microsoft Single Sign On (SSO) integration, with D3 lazy loading org chart.

### **Levvel**, Atlanta, GA

*Engineering Consultant*, 2021 –2021

- Enhanced the Lineage Automated Warehouse Management System's Dynamic Dashboard.
- Extraction, integration, and migration of legacy applications into the modern WMS platform.

### **High Tide Technologies**, Atlanta, GA

*Junior Full Stack Developer*, 2019 - 2021

- Developed D3 class representations of Scada devices for dashboard display.
- Created dashboard element trigger forms, to set event triggers for installations.
- Created dashboard element report forms, to request device readings, by time period.
- Enhanced JSON Web Token (JWT) authentication, with forced password reset.
- Refactored application controller to validate and respond to SMS commands.
- Performed Unit and Acceptance testing in RSpec and QUnit.
- Converted legacy code to Ember 3.24, TypeScript, and ES6 standards.
- Development and testing in docker backend containers, with AWS DynamoDB and MySQL images.

**General Dynamics, Atlanta, GA**

*Systems Engineer, 2011 - 2019*

- Developed Alert Logic/BitDefender batch installation scripts for WTCHP environments.
- Developed PowerShell installation and report generation scripts for DISA Security Technical Implementation Guides (STIGs) security compliance check.
- Developed Microsoft (MS) Active Directory security reports Java translation scripts.
- Created Groovy data validation scripts for claims payment processing.

**Georgia Gwinnett College, Lawrenceville, GA**

*Digital Media Professor, 2012 - 2014*

- Digital Media (ITEC2110): Provided classroom instruction in graphic design, audio/video editing, and 2D and 3D animation.
- Introduction to Computing (ITEC1001): Provided classroom instruction on computer evolution, ethics, security, networking, hardware and software design.

**Georgia Institute of Technology, Atlanta, GA**

*Graduate Research Assistant, 2009 - 2011*

- Provided 3D models, application integration, revision control, and user testing for the Interactive Toolkit for Engineering Learning's (InTEL) online practice environment.
- Developed design templates, wireframes, and mockups to provide website consistency.

**IBM Sales and Distribution, Atlanta, GA**

*Senior Systems Analyst, 2000 - 2009*

- Created JavaServer Pages (JSP) and JavaBeans for data transformation, image processing, data access, and error handling for the NextEdge sales reporting tool.
- Increased customer satisfaction by providing DB2 database cataloguing scripts.
- Performed application integration testing and deployment of Hyperion/Brio reports.

**EDUCATION**

**Georgia Institute of Technology, Atlanta, GA**

*Georgia Tech Coding Bootcamp - JavaScript Full Stack Web Development Certificate*

An intensive 24-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, JavaScript, jQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars Js, & React Js.

**Georgia Institute of Technology, Atlanta, GA**

*Masters of Science Digital Media*

Graduate level program offering advanced study in digital media as an expressive medium. The program provides research opportunities in the areas of Art and Technology, Civic Media, Education, and Entertainment.

**Alabama A&M University, Normal, AL**

*Bachelor of Science Computer Science*