Tony Lockhart

Email: tony.lockhart@ymail.com | Phone: 404-913-5934 | Ellenwood, GA 30294
GitHub: https://github.com/tlockhart
LinkedIn: https://www.linkedin.com/in/tony-lockhart
Portfolio: https://tlockhart.github.io/portfolio

Full Stack Developer and Machine Learning Enthusiast with a proven track record of creating innovative learning solutions and integrating advanced technologies. Holds a B.S. in Computer Science and M.S. in Digital Media. Skilled in AI-driven solutions, data analysis with Python, and front-end development using TypeScript, JavaScript, and the MERN stack (MongoDB, Express, React, Node.js).

Technical Skills:
- *Frontend:* Type/JavaScript, React.Js, jQuery, CSS3, HTML5, Bootstrap 5, Redux
- *Backend:* Node.Js, Express, MongoDB, MySQL
- *AI/ML:* Python, Pandas
- *Tools & Other*: Git, GitHub, Unix, Docker, Figma, Adobe Creative Suite, Firebase

RELEVANT EXPERIENCE

Pearson Education, Atlanta, GA
Creative Technologist, 2021 - Present
- Led development of multiple learning technology initiatives
- Created interactive prototypes and flows for immersive learning platforms
- 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 Lineage Automated Warehouse Management System's Dynamic Dashboard
- Extraction, integration, 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 and device reading reports
- Enhanced JSON Web Token (JWT) authentication, with password reset
- Refactored application controller to validate and respond to SMS commands
- Performed Unit and Acceptance testing in RSpec and QUnit
- Development and testing in docker containers, with AWS DynamoDB and MySQL

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

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.

Georgia Institute of Technology, Atlanta, GA
Masters of Science Digital Media
Conducted graduate-level research in increasing motivation in intelligent tutoring systems.

Alabama A&M University, Normal, AL
Bachelor of Science Computer Science