

Michael S. Irby

(864) 923-8262 • Washington, D.C. • msism720@gmail.com • <https://msi-ism.github.io/> • [linkedin.com/in/msi-ism](https://www.linkedin.com/in/msi-ism)

Professional Summary

A software engineer with hands-on technical training in HTML, CSS, Javascript, Python, React.js, Node.js, Express.js, NoSQL, APIs, & more. Skilled in front-end & back-end development with a specific knowledge of the MERN stack. Recently completed over 500 hours of software development instruction in a technical bootcamp, encompassing all stages of the Software Development Life Cycle (SDLC). Bringing 10 years of experience in the financial services industry. Lifelong learner committed to developing my technical skills & actively seeking to fulfill my dream of becoming a contributing member of a software development team.

Technical Skills

Coding Languages: Javascript ES6, Python, CSS, HTML

Libraries/Frameworks: React.js, Express.js, Node.js/NPM, MongoDB, Bootstrap, jQuery

Other Skills: UX/UI Design, Figma, Photoshop, Illustrator, Git, Technical Documentation, Microsoft Office Suite

Professional Experience

Grandbridge Real Estate Capital

Charlotte, NC

Treasury Operations Analyst

August 2018 - May 2022

- Managed the disbursement of commercial loan proceeds by coordinating various aspects of the loan funding process
 - Accurately & securely processed over \$500 million worth of wires, ACHs, and checks during tenure with the company
 - Mitigated risk by identifying vulnerabilities in processes & working directly with senior management to employ risk reducing controls
-

Software Engineering Projects

Notes To Self - Note Taking App

React/Express/Node/MongoDB

Lead Developer

<https://ms-blogapp.herokuapp.com/>

- Designed UX/UI & coded frontend & backend for a note based web app utilizing the MERN stack (MongoDB, Express, React, Node)
 - Wrote asynchronous functions using AJAX to send & receive data in JSON format to & from a NoSQL database
 - Employed React's component architecture to build efficient & reusable code for future use
 - Managed version control through the products life cycle via Github & utilized Heroku for application deployment
-

Sinclair (Simon) Says! - Memory Game/Instrument

Javascript/HTML/CSS

Lead Developer

https://msi-ism.github.io/sinclair_says/

- Designed UX/UI & coded frontend for a memory based game with multiple modes & difficulty levels using HTML & CSS for the UI & Javascript for the game logic & interactivity
 - Produced various animations & lighting effects through thorough knowledge of current CSS techniques & DOM manipulation
 - Designed sound & audio effects using a Digital Audio Workstation & programmed audio into game via HTML & Javascript
-

msi-ism.github.io - Personal Portfolio

Javascript/HTML/CSS

Lead Developer

<https://msi-ism.github.io>

- Designed UX/UI & wrote all code for an interactive personal portfolio site with an emphasis on User Experience
 - Displayed fluency in CSS by implementing various techniques to design a web application that is visually pleasing & responsive across many different devices & browsers
 - Managed version control through the products life cycle via Github & utilized Github pages for application hosting
-

Education

Per Scholas - Washington, D.C.

August 2022 - November 2022

- Full Stack Software Engineering Bootcamp

University of South Carolina - Columbia, S.C

August 2008 - May 2012

- B.S. in Sport & Entertainment Management (GPA 3.2)
-

Certifications & Interests

Certifications: ISC² Certified in CybersecuritySM - CC | 200-Hour Yoga Teacher Certification

Interests: Hand-balancing, UX Design, Music Production, Graphic Design, Public Speaking, Community Service, Wellness, Gaming