

WILLIAM BOYLES

github.com/wmboyles ◊ wmboyles.com ◊ linkedin.com/in/wmboyles

(336) · 749 · 6144 ◊ wmboyle2@ncsu.edu

EDUCATION

North Carolina State University

2018 - 2022

B.S. in Computer Science, Minor in Mathematics

GPA: 4.0

University Honors Program, Dean's List

TECHNICAL SKILLS

Python | Java | C | JavaScript | Docker | Node.JS | Socket.io | Express | React | Linux
HTML | CSS | Bootstrap | Bash | Git | Jenkins | L^AT_EX

EXPERIENCE

IBM

Summer 2020

Cloud & Cognitive Software Intern

Research Triangle Park, NC

- Created Python tool to visualize relationships between outages in the cloud
- Created Python bot in Slack to provide data to availability teams
- Increased data pipeline speeds by up to 5900%

Forsyth Country Day School

Summers 2016 - 2019

Engineering Camp Counselor

Lewisville, NC

- Designed, implemented, and taught four one-week curricula of STEM activities for 4th-8th grade students
- Activities included a hurricane house, egg drop, and marshmallow shooter

Pool Professionals

Summers 2017 - 2019

Lifeguard

Winston-Salem, NC

- Worked with coworkers to ensure patron safety and site cleanliness
- Entrusted with opening/closing duties and equipment maintenance

PROJECTS

Lights Out

Android Mobile App

- Based on 1990's handheld electronic game, but has more features like customizable board sizes
- Written in Java using Android Studio with Gradle
- Released on Google Play Store December 2019

wmboyles.com

Personal Website

- Personal domain containing resume, detailed projects, and contact info
- Redesigned using Bootstrap, increasing mobile usability
- Written without hand-holding builder tools

RELEVANT COURSEWORK

Software Engineering | Data Structures and Algorithms | Java | C | Operating Systems | x86 & ARM Assembly
Graph Theory | Automata, Grammars & Computability | Linear Algebra | Calculus | Differential Equations
Discrete Math | Statistics