

MALCOLM LORD

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New Orleans LA
GitHub: github.com/malcolmrobertlord

TECHNICAL SKILLS

- *Languages:* JavaScript, Python, C#, HTML, CSS, SQL
- *Frameworks:* React, Node.js, ASP.NET, Flask, Django, Express, Entity Framework Core, Jinja, Bootstrap
- *Databases:* MySQL, MongoDB

TECHNICAL PROJECTS

Lordle

- [Live Site](https://malcolmrobertlord.github.io/Lordle/#/) (<https://malcolmrobertlord.github.io/Lordle/#/>)
- [Github Repository](https://github.com/malcolmrobertlord/Lordle) (<https://github.com/malcolmrobertlord/Lordle>)
- Wordle clone built using React
- Utilized node packages for getting random answer as well as a API to validate guesses
- Stylized to mimic Wordle, including animations, sizing, and coloring

Sneak Easy

- [Github Repository](https://github.com/malcolmrobertlord/SneakEasy) (<https://github.com/malcolmrobertlord/SneakEasy>)
- Utilized C#, .NET, and Entity Framework Core for a full-stack CRUD application
- Designed and constructed e-commerce site for selling and purchasing sneakers from other users
- Created a fully functioning login and registration that uses validations and bcrypt

EDUCATION

Coding Dojo

April, 2022

- Software and web development
- Learned 3 full stacks (Python, MERN, C#)
- Honors: Received highest achievement possible in MERN and C# stack exam

Johns Hopkins University

May, 2020

- Master of Science in Education
- Earned through participation in Urban Teachers program

Northeastern University, Boston, MA

May, 2018

- Bachelor of Science in Industrial Engineering, Minor in Business Administration
- Honors: University Honors Program
- Directed Study: Physical therapy using entertaining technology for children with disabilities
- Dialogue of Civilizations: Month long work-study in Uganda

EXPERIENCE

Vital Agronomics

May 2022 – Present

Freelance Software Developer

- Working on front-end web application for farming sensor and mapping tools
- Utilizing FarmOS and Drupal to create user-interface including heat-map, graphs, and data tables

Harriet Tubman Montessori New Orleans, LA

August, 2021 – December 2021

Kindergarten, 1st grade, 2nd Grade Teacher

Uplift White Rock Hills Prep., Dallas, TX

August, 2019 – May 2021

1st Grade Teacher

Uplift Triumph Prep., Dallas, TX

August, 2018 – June, 2019

Resident Teacher

Healthcare Systems Engineering, Boston, MA

July – December, 2017

Systems Engineer Co-Op

- Created a Python-based simulation to determine optimized opioid clinic locations
- Worked with Brigham and Women's Hospital on an opioid task force

Veterans Affairs Hospital, Boston, MA

July – December, 2016

Systems Redesign Co-Op

- Led workshops for clinicians and other engineers on process improvement projects, for example a multi-team approach to addressing the large opiate prescription problem
- Conducted interviews, synthesized data, and developed projects to be implemented

SourceOne Inc., Boston, MA

July—December, 2015

Commodities Management Co-Op

- Assisted customers in navigating energy markets by providing analysis to help hedge future energy needs
- Developed reports for customers including budgets, performance history, and energy sector news

Chicago Mercantile Exchange Group, Chicago, IL

Business Continuity Management Intern

May—August, 2014

- Evaluated risk including creating plans and discussing responses to potential disruptive events

Trading and Business Systems Analysis Intern

June—August, 2013