CHRIS MICHAEL
Software Engineer

Columbia, MO | 573-823-9265 | chrismichaelswe@gmail.com |linkedin.com/in/chriscmichael| github.com/chriscmichael

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, Java
Technologies: React, Django, FastAPI, MongoDB, MySQL, Node.js, SwaggerUI, Docker, RESTful APIs, Microservices, Git, Spring

SOFTWARE ENGINEERING APPLICATIONS

My Games List   2023
- Contributed to the development of a full-stack game tracking application, utilizing FastAPI and MongoDB for the back-end, and React and JavaScript for the front-end.
- Worked as part of a team of four, utilizing separate working branches on GitLab that were combined into a final deployment branch, incorporating Bootstrap and native CSS for styling, creating a visually appealing interface.
- Implemented an API scraper that caches data on startup, providing a seamless user experience.

Wardrobify   2022
- Wardrobify is a web app built with Django, Python, React, and JavaScript that tracks shoes and hats.
- The app uses RESTful APIs and runs on a microservices architecture with seven Docker containers and Bootstrap for styling.
- Developed as a team project at Hack Reactor, the app was created by working on separate Git branches, demonstrating the ability to effectively collaborate in a team environment.

Coffee Bean Corral 2.0   2022
- Coffee Bean Corral 2.0 is a full-stack web app to track home roasting coffee, utilizing Django and Python for the back-end and HTML/CSS for the front-end.
- Created an elegant design without the use of Bootstrap, demonstrating skills in HTML/CSS.
- Implemented dropdown menus using Django choices, creating a seamless user experience.

WORK EXPERIENCE/MILITARY SERVICE

University of Missouri - Environmental Health and Safety   Columbia, MO
Environmental Health Specialist   2019-2022
- Conducted over 1300 inspections of research and clinical spaces on the University of Missouri campus that ensured the continual operations of the university before, during, and after the COVID-19 pandemic.
- Oversaw distribution, documentation, and waste disposal of multiple radioactive isotopes for research and oncology ensuring no radioactive contamination of research or clinical areas and all radioactive material remained accounted for.

MU Research Reactor   Columbia, MO
Nuclear Manufacturing Technician   2018 – 2019
- Assisted preparation of the Lutetium-177 isotope for use in the Lutathera pancreatic cancer infusion treatment.
- Manufactured sterile, quality-controlled pharmaceuticals in an FDA common Good Manufacturing Practices (cGMP) facility.
- Attended three Nuclear Regulatory Commission training events on Radiation Safety, gaining vital knowledge on new equipment.

United States Marine Corps   Twentynine Palms, CA
Platoon Sergeant   2008 – 2016
- Mentored and trained a small group of Marines on interpersonal communication, career advancement, and team building.
- Deployed to Afghanistan in support of Operation Enduring Freedom. Assisted unit with IED recovery operations and route interdiction assistance in southern Helmand Province from Nov 2010 - May 2011 with day to day maintenance operations.
- Training deployment to South Korea for participation in joint training operations with the Republic of Korea Marine Corps.

EDUCATION

Hack Reactor   Denver, CO *(Remote)*
Advanced Software Engineering Certificate in JavaScript and Python   2023

Claim Academy   St. Louis, MO *(Remote)*
Java Full Stack Software Developer Bootcamp   2022

University of Missouri   Columbia, MO
Bachelor of Science in Biochemistry   2020

HOBBIES

Roasting coffee, reading, kayaking, strength training, hot yoga, attending concerts, traveling, collecting art