Schwyn Francis

Scottsdale, AZ | 630-903-9996 | schwynf@gmail.com | Portfolio: https://www.schwynfrancis.com/

Passionate coding professional with recent certification in Full Stack Web Development. Highly skilled in front end and back end development and data structure design. Excellent at utilizing MERN stack to support website construction and content management systems.

Education

Full Stack Web Development Certificate, University of Arizona (8/2020)
240 Hour, 24 Week Boot Camp

Coursework Topics: JavaScript, Node.js, React, Express.js, SQL, Bootstrap, CSS, Git, Github, Heroku, HTML (HTML5), JQuery, MongoDB, MySQL, SEO, Responsive Design, API/JSON, RESTful API, State Management, Command Line, Database Theory, Agile Methodologies, Quality Assurance Testing, Social Coding Best Practices, Computer Science Fundamentals

Bachelor of Science in Biology, Illinois State University

Professional Experience

Maricopa County Environmental Services | Scottsdale, AZ
Environmental Health Specialist, Aquatics Health & Safety Department | 8/2016 to Present
- Review and update Maricopa County Environmental Health Code
- Conduct public and semi-public swimming pool construction inspections and manage 700+ permits for routine compliance
- Trained 10 new employees on workplace policies and procedures including location of resources for regulations and SOPs
- Recognized as New Employee of the Year in 8/2017 for outstanding performance

Doctor's Data, Inc. | Saint Charles, IL
Laboratory Technician III | 3/2014 to 6/2016
- Conducted chemical analyses on body fluids, such as blood and urine using LC/MS systems
- Served as Team Lead for 5 employees by overseeing performance management, quality assurance, and training
- Utilized Agilent MassHunter Workstation, Orchard Harvest, and Labvantage for instrument control, data acquisition, qualitative and quantitative data analysis, and reporting
- Achieved 100% method validation to get the neurotransmitter assay into production

Selected Projects

Trivia Pro: Easy application to create, print, and execute quizzes
Lock'D: Password manager application for creating and storing multiple logins
Expense Tracker: Budgeting calculator
Dashboard Generator: CLI for creating an employee dashboard for any business

Core Competencies

Programming Languages: JavaScript & Python; Web Frameworks: Express & Django; Databases: MySQL & PostgreSQL; JavaScript Libraries: React & jQuery;