Ariana Wisenburn

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Education

Rochester Institute of Technology
Rochester, NY, 2018-2022

B.S. Computer Science
  Electrical Engineering minor
  cum laude, Honors program

Objective

Highly motivated computer science professional seeking a full-time position to leverage theoretical knowledge and practical experience in full-stack development, programming, and data analysis, with a passion for leading innovative projects and contributing to dynamic environments. Available to start immediately

Skills

- Python
- Java
- MySQL
- C/C++
- Verilog
- React
- Javascript
- Typescript
- HTML/CSS
- Node.js
- Docker
- Ansible
- APIs
- Agile
- Git
- Cypress
- Selenium
- Unit tests
- Github Actions

Work Experience

Full Stack Intern, Zocdoc - Manhattan, NY   Jun – Aug 2022
- Led a React-based user flow redesign from inception to roll-out using Agile methodologies. Authored comprehensive technical documents detailing foundational Storybook components and how to integrate the new page components and React states into the existing architecture.
- Used CI/CD pipeline through Team City and independently verified website functionality through user and Cypress testing. Used A/B testing through Optimizely to direct and analyze customer traffic during roll-out.
- Created, documented, and analyzed page metric information to visualize website traffic through Datadog metrics dashboards, allowing my team to track feature usage and customer behavior.

Full Stack Co-op Engineering Intern, Wind Talker Innovations - Silver Spring, MD   Jan – Aug 2021
- Developed production-level internal performance testing tool for the company's Node.js-based flagship product. Adjusted API endpoints in conjunction with test script development. Reduced testing time by 85% and inspired merge of test scripts into actual product features.
- Automated image and container creation using Docker, Docker Compose, and Ansible, drastically reducing the hardware costs for onboarding engineers.

Intern, Black River Systems Company - Utica, NY (Remote)   May – Aug 2020
- Programmed a continuously updating user interface to handle collection, processing, and visualization of various RF data (GPS, Wi-Fi RSSI, and SDR signals) which allowed for more thorough data capture and gave field testers the ability to amend and verify tests on the fly.

Labs & Projects

Personal Website   Mar – May 2023
- Constructed a SPA from scratch using React, Typescript, CSS, HTML, and an external component library. Directly responsible for an infinite percentage increase in impressions and traffic for ariwisenburn.com.
- Implemented CI/CD pipeline using Github Actions to verify build and deployment functionality before deploying to Firebase.

Wine and Food Pairing Algorithm   Jan 2023 – Present
- Design and populate MySQL database by scraping and parsing information from wine and flavor websites using Selenium, BeautifulSoup, and Python.
- Parse recipes to extract important flavor and texture features, use ingredient combination algorithms to query the MySQL database for matching notes, and generate a ranked list of wine pairing suggestions.

Machine Learning and Information Retrieval Labs   Jan – Dec 2022
- Used Scikit library to implement a variety of classification models using: least squares, k-Nearest Neighbor, decision trees, MAP, SVCs (both with linear kernel and Radial Basis Function/Gaussian Kernel), and single/multi-layer linear models with ReLU.
- Wrote a weighted query retrieval system in Python to parse a collection of journal titles and abstracts, returning the papers with the top relevancy scores of both conjunctive and disjunctive queries.