Isaac Mills-Owoo

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Professional Summary

Highly skilled IT Student, Supervisor, and previous Registered Respiratory Therapist with over 10 years of experience in training, onboarding, and educating staff, looking to transition to a Junior Software Developer. Shifting focus and learning new skills in the Information Technology field, including completing a Master's in Information Systems and a Full-Stack Web Development Boot Camp.

Skills

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| * Building Applications from Start to Finish * Adding Back End to Front End * Responsive & User-Centric Design * Optimizing Data Storage for Static Content * Project Scope, Scheduling & Management * Structuring Code & Data | * Authenticating Users & Cybersecurity * Risk & Quality Management * Managing & Mentoring Employees * Problem-Solving & Collaboration Skills * Attention to Detail & Ensuring Accuracy * Excellent Verbal & Written Communication |

Education

**Wilmington University**

**Master of Science** in Information Systems Technologies & Internet/Web Design

* Gained skills to manage complex systems and coordination relationships between business requirements and solutions.
* Explored web design with JavaScript, HTML, Visual Basic, as well as advanced multimedia and animation.
* Enhanced abilities to oversee Development and Implementation teams, and lead projects from inception to completion.
* Applied models for planning, organizing, designing, managing, and implementing IS within modern organizations.
* Successfully learned to manage risks related to use, processes, storage, and transmission of information and data.
* Assessed ethical practices in implementing IA policy, standards, and regulation, and systematic interrelationships.
* Learned to create streaming media, including shooting, capturing, editing, and encoding the source material.
* Examined Human-Computer Interaction to ensure high quality IS and work environments that drive productivity.
* Focused on the use of software tools to create compelling web designs, and learned syntax of the scripting language.
* Covered developing and displaying information on the web by writing HTML, with an overview of XML.
* Learned to design and develop database-driven websites, concentrating on viz to produce an e-commerce site.
* Addressed opportunities to interject aesthetics and design principles into e-business systems to drive customer loyalty.
* Developed skills to build security policy and SOP for implementing new networks and web infrastructures.
* Explored threats to IT assets, encryption, standards and compliance, and security testing and implementation.

**Wilmington University** – 2020

**Master of Business Administration** in Management Information Systems

* Covered project, change, and data management and analysis, along with modeling, design, data comms, and networking.
* Developed a deep understanding of informational practices for business, education, and Government organizations.
* Built qualitative/quantitative critical thinking skills related to the development of sound business tactics and strategy.
* Effectively learned to prepare and implement strategic plans that include creative, feasible business alternatives.
* Used financial management, economic principles, and modern marketing techniques to drive strong fiscal operations.
* Addressed techniques for managing corporate data resources and the design and development of large database systems.
* Examined data distribution, administration, warehousing, cleansing, and mining, as well as concurrent processing.
* Learned systems development life cycle, analysis, and design techniques along with IS systems planning methods.
* Explored project identification and selection, requirements collection and structuring, as well as interface design.
* Expertly and efficiently utilized tools including rapid application development, prototyping, and visual development.
* Covered telecommunications fundamentals including data, image, voice, and video, as well as architecture and protocol.
* Studied standards and security for design, implementation, and management of digital networks, and LAN and WAN.
* Examined e-commerce and associated web sites and practices, and middleware for wireless systems and multimedia.
* Covered project initiation, planning, integration, scope, time, cost, quality control, risk management, and reporting.
* Learned to manage change resulting from the introduction or revision of IS, including training and documentation.
* Gained skills in aligning competitive strategy and IS, as well as developing policies to achieve organizational goals.

**Wilmington University**, New Castle, DE – 2011

**Bachelor of Science** in Allied Health Education

**Delaware Technical & Community College**, Newark, DE – 2009

**Associate of Science** in Respiratory Therapy

Technical Certifications

**AWS Cloud Practitioner Certification** – Amazon Web Services

* Gained an understanding of the AWS Cloud, the value of cloud computing and AWS, and making the infrastructure scalable.
* Utilized methods and tools to maintain security and protect data, while identifying deployment and management options.
* Defined basic global infrastructure and understood key services and use cases, including computing and analytics.
* Addressed account management, pricing models, and core characteristics of deploying and operating in the AWS Cloud.
* Effectively learned to make decisions based on architectural principles while identifying and solving configuration issues.
* Designed architectures to decouple infrastructure and reduce interdependencies, and automated resource deployment.

**HTML; CSS; JavaScript; React; Git** – CodeAcademy

* Addressed multiple versatile, robust programming languages to examine front- and back-end web development.
* Learned basic object-oriented concepts using the latest JavaScript syntax, while learning programming fundamentals.
* Gained the skills to ensure websites remain legible and visually appealing across a variety of devices and platforms.
* Utilized responsive design techniques to increase website accessibility to reach a much larger audience of users.
* Understood ways to create visualizations, make informed decisions, and predict events through Machine Learning.

**HTML; CSS; JavaScript/jQuery; Bootstrap; React; React Native; Node.js; MongoDB; Git; GitHub** – NuCamp Coding BC – 06/2021

* Learned to build websites that can be developed for all screen sizes, including addressing responsive design and grids.
* Explored React, the #1 JavaScript library, and covered advanced aspects of JavaScript ES6 and React components.
* Updated and packaged a responsive website built using Bootstrap and React, publishing as a true mobile application.
* Utilized React Native and Expo SDK to access all native hardware capabilities of modern phones and tablets.
* Gained the skills to store data in the back-end and integrate it, as well as learned to authenticate users.
* Successfully developed complex applications by structuring the code along with the data in the database.
* Joined teams and contributed to projects, leveraging the version control system Git to track all changes being made.

Technical Skills

* HTML
* CSS
* JavaScript/ jQuery
* Bootstrap
* React
* React Native
* Node.js
* MongoDB
* Git
* GitHub
* Command Line
* MS Office Suite
* EMAR
* Learning Management Systems

Professional Experience

**Supervisor, Epic EMAR Transition Manager & Registered Respiratory Therapist** – Good Shepherd Penn Partners – 2013 to Present

**Respiratory Therapist** – Jennersville Regional Hospital – 2017 to Present

**Registered Respiratory Care Manager** – Nemours Children's Hospital – 2010 to 2019

**Registered Respiratory Therapist** – Select Specialty Hospitals – 2011 to 2017

Medical Certifications & Licensure

* BLS
* Advanced Cardiac Life Support (ACLS) Certification – 2010 to Present
* Registered Respiratory Therapist, License #YM01293 – State of PA – 12/2022
* Registered Respiratory Therapist – State of DE – 11/2022

Professional Affiliations & Activities

**Member** – American Association of Respiratory Care – 2009 to Present

**Member** – Delaware Association of Respiratory Care – 2009 to Present

**Member** – Delaware Association of Respiratory Care – 2011 to Present

**Member** – National Board of Respiratory Care – 2009 to Present