kiana kiashemshaki

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IRVINE, CA

**technical skills**

**Programming Languages:** HTML/XML, CSS, Java Script, Python, C++.

**Framework:** Bootstrap, Express.js, Node.js.

**library:** jQuery, D3.js, Matplotlib, NumPy, Pandas.

**IDEs:** PyCharm, VS-Code, Java Processing.

**Operating System:** Kali Linux, Linux (Ubuntu), Windows.

**Database Management:** PostgreSQL, MongoDB.

**Software:** Cloud (AWS), Cisco Packet Tracer, Wireshark/Tshark, FTK Imager, Autopsy, Magnet Axiom, Tcpdump, Nmap, Snort, Aircrack-ng, Windows Explorer, Canva, TeamViewer/AnyDesk, Microsoft Office.

**Technical Knowledge:** Communication Protocols (TCP/UDP), Firewall, Malware, Version Control System (Git), Law and Digital Forensics Evidence, File System Analysis, Algorithm and Design Analysis, Designing and developing RESTful APIs, Analyze the Visualization design choices for different problems.

**Personal:** Team working, Teaching Assistant, Communication and Presentation

**education**

**Bowling Green State University (BGSU),** Master of science, Cyber Security, GPA 3.8 2023-2025

**Azad Tehran University (IAU),** bachelor’s in software engineering, GPA 4.4 2015-2019

**experience**

**Graduate Teaching Assistant, Bowling Green State University** 2023-2025

* Facilitate study sessions and labs for undergraduate students in "Operating Systems" and "Computer Organization".
* Aide and grader for assignments and quizzes on Assembly and C++ Programming.

**IT Support, Iran Green Host** 2021-2022

* Manage and maintain IT infrastructure, including servers, networks, and computer systems, ensuring optimal performance and security.
* Monitor and troubleshoot network performance, resolving connectivity issues and optimizing network reliability.

***Web Developer, Iran Green Host*** *2*020-2021

* Design, develop, and maintain web applications using HTML, CSS, JavaScript, and frameworks such as React.
* Optimize website performance through code and resource optimization, including image compression and caching strategies.
* Develop and integrate APIs to connect the front-end with back-end services.

**projects**

**Water and Soil Analysis Visualization**

* This initiative entails generating visual representations for water and soil data collected from field measurements. The objective is to aid in the exploration and examination of scientific experiment data concerning soil and water behavior.
* HTML, CSS, JAVASCRIPT, D3, BOOTSTRAP.

**South America Country’s Analysis**

* This project focuses on developing visualizations for datasets pertaining to 12 countries in South America. The goal is to assist in the exploration and analysis of data.

**Face Detection**

* This project goal is to provide a simple web application for uploading images and performing face detection using the MTCNN (Multi-Task Cascaded Convolutional Neural Network) algorithm. Users can upload an image through the web interface, and the application will detect faces in the uploaded image, drawing rectangles around each detected face
* Python, Flask, OpenCV, MTCNN

**certificate**

**Technical Support,** Certified by Google in Coursera.

**Introduction To Databases,** Certified by Meta in Coursera.

**Hands-on Linux Command,** Certified by IBM in Coursera.

**Introduction To Marketing,** Certified by Coursera.

**Responsive Website,** Certified by Coursera.

**Python Programming,** Certified by Coursera.

**Full stack Developer,** Certified by Boot Camp Udemy.

**Cloud Computing (AWS),** Certified by Udemy.

**Ethical Hacking,** Certified by Udemy.

**Network+,** Certified by Maktabkhooneh**.**