Nader Razavi

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SUMMARY

- Focused and highly motivated and quick-learner computer engineer with experience in computer science and IT industry
- Reliable and flexible to meet or exceed performance objectives, able to travel for career purposes
- Profound communication, presentation and coordination skills

EDUCATION

Zero to Mastery Academy   April 2020-Dec 2020

Courses:

Complete Python Developer

Complete Web Developer Boot Camp

California State University Fullerton

Master of Science, Computer Engineering   May 2017

GPA: 3.5

Related Course Projects:

- Analyzing Problems Using Boundary-Scan for Memory Cluster Tests
    - Employing Xilinx and H-Spice, analyzed different issues related to memory testing methods
    - IEEE P1581, shortens the test time and executes precise testing implementation with satisfying diagnoses
    - It is considered as one of the most practical test methods for flash memories which has helped developers to save time on test execution
- Hardware Security Module in Mobile Communication
    - Analyzed a compact cryptographic engine
    - Unifying SHA (The Secure Hash Algorithms) algorithm and at the same time operates with scalable RSA (Rivest–Shamir–Adleman) to improve security
    - Comparing with other commercial TPM (Trusted Platform Module), this design utilizes less logic gate implementation therefore, it is more efficient in power consumption and operates at higher speed

COMPUTER SKILLS

Hardware Programming Skills: VHDL, Verilog, Assembly
Programming Languages: Ruby, MATLAB, C, Python
Software packages: Microsoft Office, HSpice, Modelsim, Altium Designer, Mysql Workbench, PhpMyadmin, MongoDB, Redis
Operating Systems: Microsoft Windows, GNU/Linux, iOS
Web Development Skills: HTML, CSS, CSS grid, Felxbox, JavaScript, React, Django, Flask, Git

WORK EXPERIENCE

Utility Packaging and Construction   Atlanta, GA Nov 2020-Present

Role: Test Engineer

Responsibilities:

- Inspect raw materials and machinery to identify defects and malfunctions with point to point test
- Develop test environments and test cases for electrical panels
- Analyze test results, detect issues and track root causes
- Suggest fixes and improvements
- Draft design modifications with AutoCAD