SANA ABDULATEEF

Allentown, PA | 484.632.1276 | sanafaris2000@yahoo.com

SOFTWARE ENGINEERING
Software Development ✦ Web Security ✦ Project Management

Recent master's program graduate in software engineering who enjoys coding and has specific interests in requirements engineering, database design concepts, web security software testing and project management. Experienced with all aspects of the SDLC with recent studio experience creating moderately complex programming applications in addition to modifying and creating user manuals for maintaining existing software. Excels in collaborative team environments, designing and coding with colleagues and peers.

Writing Code ● Support Services ● Requirements Engineering ● Database Design ● Bi-Lingual, Arabic ● Problem Solver ● Agile Processes ● Cross-Functional Teamwork ● Interpersonal Skills

<u>Software development tools include;</u> *HTML, C++. Node.js JavaScript Server Runtime, Express, EJS Templates, Passport Authentication, Amazon S3, PHP, MySQL, AutoCAD and Photoshop.*

EDUCATION

M.S. in Software Engineering, 2019 – Pennsylvania State University – State College, PA
Non-Degree Program, 2012 – PC Rossin College of Engineering & Applied Science at Lehigh University – Bethlehem, PA
M.S., College of Information Engineering, 2011 – Al Nahrain University – Baghdad, Iraq
B.S., College of Information Engineering, 2005 – Al Nahrain University – Baghdad, Iraq

EXPERIENCE

Wafer Fabrication Support | Broadcom (Avago) | Breinigsville, PA   **12/2013 – 2/2017**

Performed a variety of functions in wafer fabrication, assembly and testing for semiconductor devices. Followed proper techniques and operations in the fabrication, assembly and testing of assemblies or final products. Created sets-ups and adjusted equipment or production processes as needed. Maintained accurate records and documentation of all processes. Manufactured wafers in a clean room environment utilizing a variety of equipment for wet chemical processing. Provided training and guidance to junior personnel.

- Worked closely with Engineers to communicate technical issues and make recommendations for solutions. Collaborated with Engineers on experimental projects utilizing precision dicing equipment.
- Performed a variety of equipment calibration and regular maintenance to ensure accuracy of testing results and quality.
- Ensured all company procedures and SOPs were followed while maintaining work site safety and cleanliness.

Electronics Assembler | Avago (CyOptics) | Breinigsville, PA   **5/2013 – 12/2013**

Prepared and assembled electronic components and hybrid assemblies in a clean room setting by using blueprint drawings, diagrams, manufacturing processes and procedures. Work is performed under a microscope and by means of using small hand tools, bonding machines, welders and process equipment. The major process procedures include substrate attach, die attach, mechanical assembly, gap weld, wire bond and pull test.

- Inspected and tested the efficiency of planar light wave circuits and reported issues while communicating and coordinating technical solutions with Process Engineers.
- Maintained cleanliness and sterility of work area and component parts during assembly.
- Recognized for technical aptitude and exceptional work ethic, **<u>earning a promotion to Wafer Fab Support.</u>**

Customer Service Representative | Telerx | Allentown, PA   **1/2012 – 11/2012**

Conferred with internal and external customers in order to provide information about products or services such as processing customer requests, order entry, cancel accounts or obtain details of complaints over the phone and email. Resolved customer questions and concerns effectively by actively listening, communicating clearly and concisely while ensuring customer understanding.

Office Manager | Al-Reemal Company | Baghdad, Iraq   **6/2009 – 10/2011**

Managed a team of three direct reporting staff to maintain office processes and systems operation. Developed and implemented system to maintain account activities and organize data. Maintained all computer hardware and software. Provided desk-side support to colleagues and management. Installed programs and kept track software licensing. Maintained company website providing regular site maintenance and updating as needed including designing custom graphics.

- Provided support for MS Office programs, Photoshop, internet services, web security and system networking.