Aditya Iyer
Computer and Systems Engineer

Houston, TX - Email me on Indeed: indeed.com/r/Aditya-Iyer/972db1626172073e

Focused and driven budding computers and systems engineering professional with strong base in Computer systems, networks and communications and computer architecture. Seeking an internship to provide strong technical and analytical skills for the organization.
Willing to relocate: Anywhere
Sponsorship required to work in the US

WORK EXPERIENCE

Software Engineer

Accenture   -   Mumbai, Maharashtra - November 2013 to May 2015

Designed and built modules within Oracle Configurator reflecting client's needs
• Write rules to define relationships between different modules in the development environment. Created UI components using the inbuilt
Configurator UI design tool.
• Performed Peer Testing in client Test environment to determine the fidelity of product and to test functionality of the modules. Perform
basic regression testing to analyze if newer modules have negative impact on functionality of existing modules.
• Created new products from scratch and performed testing and maintenance on the new products
• Verified integrity of backend data on database using SQL and running scripts for basic database maintenance
• Ran Oracle Apps jobs to migrate and publish the updated products to other environments (test and production) and to synchronize data between different versions of the application (i.e. 11i and R12)
• Provided Knowledge Transfers to the new joiners via course specified instruction

SCADA Intern

WindWorld   -   Mumbai, Maharashtra - August 2013 to September 2013

Shadowed senior SCADA representatives in the operation of the SCADA machinery from the central hub
• Designed and primary, low-level verification for line schematics of power layouts of WECs (Wind Energy Converters) connected to
SCADA system
• Accompanied senior engineers on site visit to WECs to provide high-level inspection and ratification of peripheralss.

PROJETS:
Automated Traffic Surveillance System
• Calculate values for the components that need to be mounted onto the circuit and design electronic circuit diagram and fabricate PCB for the same.
• Provide interface between the transmission components and the monitoring system (PC) using both RS-232 cables and wireless
transmission
• Collate data entered into the monitoring system and generate summaries of the same using Crystal Reports.

IR Thermometer using LM3914 and LM34DZ
• Design and fabricate the circuit diagram and PCB using provided component values.

EDUCATION

Master of Science in Computers & Systems Engineering
University of Houston   -   Houston, TX
2018

Bachelors of Engineering in Electronics
University of Mumbai   -   Mumbai, Maharashtra
July 2013

SKILLS

ORACLE (1 year), SQL (1 year), ASSEMBLY (Less than 1 year), ASSEMBLY LANGUAGE (Less than 1 year), C++ (Less than 1 year), EXCEL (Less than 1 year), JAVA (Less than 1 year)

LINKS

https://www.linkedin.com/in/aditya-iyer-07590936

PUBLICATIONS

Automated Traffic Surveillance: Evolution and Implementation
http://ijcsn.org/IJCSN-2013/2-4/IJCSN-2013-2-4-69.pdf
June 2013
The paper details a novel implementation for an automated traffic surveillance and policing system that relies on sensor data and control and formation of smart reports based on the same.

ADDITIONAL INFORMATION

TECHNICAL SKILLS
• Software Tools: MS Excel, MS SharePoint, C++, Core Java, Assembly Language, SQL.
• Oracle Apps Suite & Oracle Configurator: Using Oracle Configurator to develop and build functional modules
• Project Management: Basic knowledge of PMBOK. Providing estimations and ratifying man-hours required for completion of modules
in project.