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American International Group Virtual User Computing Intern Fort Worth, TX Summer 2015

Urbana, IL Fall 2015 Rockwell Automation Networks and Comm. Intern

CS 241 Course Assistant

University of Illinois

Cleveland, OH

Spring 2015

Summer 2014
University of Illinois
CS 225 Course Assistant
Urbana, IL

Rockwell Automation Process Engineering Intern Singapore Spring 2013

SportsHub Spring 2015

IlliniViz Fall 2015

DoorHop HackIllinois2015

LastLayer MHacks 2014

SUDARSHAN GOVINDAPRASAD

sudarshangp.com

B.S. Computer Science, University of Illinois, Urbana-Champaign Graduation Date: December 2016

Cumulative GPA: 3.79/4.00 Technical GPA: 3.88/4.00

Honors: Dean's List, James Scholar

Phi Eta Sigma

EXPERIENCE

- Engaged with client teams to design and implement a scalable process to support the expedited transition of 15000 users to a Citrix Virtual Environment
- Achieved transperancy in the decision making process by implementing an interactive dashboard using Microsoft PowerBI
- Formulated data model to process new requests into a relational database using SOL
- Automated request process using Powershell to cross validate multiple data sources
- Developed machine problems for topics in Systems Programming involving Multi-Threaded Programming, Memory Allocation, MapReduce as well as KeyValue stores
- migration from papero to online exams
- Collaborated with a team to assist clients in resolving networking and security related issues
- Examined networks and effectively administered protocols, security measures to provide secure connections for client networks and route & load balance traffic efficiently
- Utilized Wireshark, a network protocol analyzer, to inspect Ethernet/IP & TCP/IP packets
- Worked cohesively in a team to illustrate complex concepts involving Data Structures to a class of 400 students
- Fostered critical thinking skills in students to enable them to tackle challenging coding questions
- Successfully increased the efficiency of Manual Insertion Process by 92.5 %
- Applied Lean Six Sigma concept "DMAIC" to document and analyze the process
- Pioneered the process of redesigning the Manual Insertion process in the Production Line
- Communicated with Production and Engineering teams to design comprehensive WorkAids

PROJECTS

- Managed a team to design a Chrome Extension that allows users to view live Sports Data
- Conducted User Testing and Hueristic Evaluation to assess effectiveness of design
- Administered the backend using Firebase and Python and the front end with jQuery and CSS
- Working on creating a web app that informs prospective applicatants incoming students with admission information and demographic information for UIUC
- Utilized the data vizualization library D3.js and R to bring about interactivity
- Designed an WebApp to virtualize the concept of having a personal assistant
- Integrated NFC card readers on doors to build a service that links ID cards to a messaging system to keep track of visitors
- Used Twilio REST API to send messages, initiate voice calls and retrieve and log conversation
- Integrated Raspberry Pi, RFID scanners and Twilio to build a two-factor authentication system

PROFESSIONAL SKILLS