Arpit Saluja

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OBJECTIVE

Fascinated by the intersection of people and technology; consistently seeking to make this gap as insignificant as possible.

EDUCATION

UNIVERSITY OF SOUTH FLORIDA, TAMPA FL
B.S, COMPUTER ENGINEERING
Expected May 2017 · GPA: 3.65 / 4.00

RELATED COURSES

Analysis of Algorithms
CMOS/VLSI Design
Computer Architecture
Computer System Design
Data Structures
Database Design
Discrete Math
Operating Systems

SKILLS & ACHIEVEMENTS

IDES
Pycharm · Visual Studio · IntelliJ IDEA

Programming
C++ · Java · Python · C# · JavaScript

Hardware Languages
VHDL · Verilog · Logisim · Picoblaze

Databases
MySQL · Anypoint Exchange · MongoDB

Software Development
Agile/Scrum, Leankit, Kanban, git

Achievements
- 2016 Tampa Bay Technology Forum (TBTF) Exploratory Labs boot camp winner
- Invited to join the oldest Engineering honor society, Tau Beta Pi, after placing in top 1/8th of my junior class
- Spring 2014 & 2015 Dean's List – Placed in the top 10% in USF College Of Engineering

LEADERSHIP & ACTIVITIES

VICE PRESIDENT
USF Students of India Association

MENTOR
USF Bulls Eye Mentoring

EVENT LOGISTICS COMMITTEE
TEDxUSF

WEBMASTER
Tau Beta Pi, FL Gamma Chapter

PROFESSIONAL EXPERIENCE

INFORMATION TECHNOLOGY INTERN · Leapdoctor.com · Tampa, FL
Project Telehealth · August 2016 – present
- Working with the software development team to engineer a prototype application that will be able to bridge healthcare to remote areas and to aged people without the need of a traditional hospital setting
- Apply my creative as well as technical knowledge of C++ and java to debug and improve existing web and mobile applications

FRONT-END DEVELOPMENT INTERN · Medical Pay Review Inc. · Tampa, FL
Payment Integrity & Healthcare Reimbursement · May 2016 – July 2016
- Primarily contributed to the design and behavior of the MPR's MPoweR Platform, the company's main login page
- Collaborated with the User Interface team to define extensive scenarios based on provided specifications; tested the interface in Ubuntu from the terminal, on servers stored in Docker containers.

SALES REPRESENTATIVE · Barnes & Noble, Inc. · Tampa, FL
University of South Florida Bookstore · December 2013 – May 2016
- Worked closely with a team of 50 booksellers and cashiers during 5 rush periods (eg. USF Opening week)
- Trained and supervised new cashiers to process approximately 11,000 orders/week for 3 consecutive weeks

NETWORK ANALYST INTERN · Startel Tanzania Ltd. · Dar es Salaam, Tanzania
Large Scale Internet Service Provision · June 2015 – August 2015
- Responsible for diagnosing faulty and remodeling the topology of routers and switches for corporations like banks, factories and private organizations
- Performed network administration and operated real-time servers to provide uninterrupted service to over 100 customers from the company's Network Operations center (NOC)

PROJECTS

OMNI-DIRECTIONAL ALUMINIUM WHEELS FOR AUTONOMOUS ROBOTS
- Fabricated and 3-D printed wheels using Solidworks and MakerBot printers
- The wheels were used by USF's Robobulls team that competed in the 2016 RoboCup competition (small sized league) in Leipzig, Germany in July 2016

MISPOT! – TAMPA BAY TECHNOLOGY FORUM EXPLORATORY LABS BOOT CAMP
- Collaborated with a team of 5 during this boot camp to develop and propose a business plan for an IoT-centric solution to public parking in large venues
- Chosen the best of the four participating teams' plans by a panel of judges comprising of Tech Data employees based on solvency and achievability

CMOS-VLSI CLASS FINAL PROJECT
- Worked in a team of 3 over 6 weeks to fabricate and exhaustively test a fully-functional integrated chip using CMOS technology
- Designed an Application Specific Integrated Circuit (ASIC) implementation of an NxN array multiplier able to handle up to a 12 digit number