

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 System Design

Data Structures

Database Design

Discrete Structure

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 routers, and remodeling the topology of routers and switches for corporations including but not limited to banks, factories, universities 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 omnidirectional wheels that were used by the USF Robobulls team robots that competed in the 2016 RoboCup competition (small sized league) in Leipzig, Germany in July 2016

MISPOT! – Collaborated with a team of 5 during the TBTF ExLab boot camp to design and present a business plan for an IoT solution around public parking in large venues; chosen the best out of the four participating teams' plans, and we were awarded free certification trainings for Scrum/Agile Methodologies.

CMOS-VLSI CLASS FINAL PROJECT – Worked in a team of 3 over 6 weeks to fabricate an integrated chip using CMOS technology for the final project for this class. Designed a custom Application Specific Integrated Circuit (ASIC) implementation of an NxN array multiplier.