

Arpit Saluja

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OBJECTIVE

To obtain a full-time opportunity where I will reliably best use my interpersonal as well as technical skills to bridge people and technology

EDUCATION

B.S, COMPUTER ENGINEERING

UNIVERSITY OF SOUTH FLORIDA

Expected May 2017

GPA: 3.66 / 4.00

SPECIALISED COURSES

CMOS/VLSI Design

Computer System Design

Database Design

Advanced Discrete Math

SKILLS

IDES

Pycharm • Visual Studio • IntelliJ IDEA

Programming

C++ • Java • Python • C# • JavaScript

Hardware Languages

VHDL • Verilog • Logisim • PicoBlaze

Databases

MySQL • Anypoint Exchange • AWS

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 & CO-FACILITATOR

Bulls Engineering Youth Experience Program

EVENT LOGISTICS COMMITTEE MEMBER

TEDxUSF

WEBMASTER

Tau Beta Pi, FL Gamma Chapter

HEAD OF VOLUNTEERS

International Indian Film Awards (IIFA) 2014

PROFESSIONAL EXPERIENCE

INFORMATION TECHNOLOGY INTERN • Leapdoctor.com • Tampa, FL

Project Telehealth • August 2016 – December 2016

- Worked with the software development team to engineer an IoT application
- The application was able to bridge healthcare to remote areas and to aged people without the need of a traditional hospital setting, using Raspberry Pis

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 MPR's MPower Platform, the growing company's main login page for new customers
- 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 to facilitate smooth flow of 8 extremely 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

- Worked with a team of 6 to examine and remodel faulty Cisco routers and switches used by banks, factories and private organizations using Cisco Packet Tracer
- Responsible for operating real-time servers to provide uninterrupted service to over 100 customers from the company's Network Operations center (NOC)

PROJECTS

FACE RECOGNITION AUTHENTICATION FOR PRIATEK GAMING KIOSKS

- This was my senior year project where I worked with 3 others to create an application that was able to log in users of Priatek's In2win machines using face recognition as an authentication method
- Successfully demoed the application to the Priatek software team who are looking to implement it within a year
- Primarily used OpenCV's C# library, EmguCV to recognize facial patterns

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

MISPOTI – 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