ROOPPESH SARANKAPANI

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SKILLS

WORK

C++	⭐⭐⭐⭐⭐⭐⭐⭐⭐☆
JAVASCRIPT	⭐⭐⭐⭐⭐⭐☆☆☆☆
PYTHON	⭐⭐⭐⭐⭐⭐☆☆☆☆
HTML	⭐⭐⭐⭐⭐⭐⭐⭐☆☆
CSS	⭐⭐⭐⭐⭐⭐⭐☆☆☆
C	⭐⭐⭐⭐⭐⭐⭐⭐⭐☆

PERSONAL

COMMUNICATION	⭐⭐⭐⭐⭐⭐⭐⭐☆☆
ADAPTABILITY	⭐⭐⭐⭐⭐⭐⭐⭐⭐☆
ORGANIZATION	⭐⭐⭐⭐⭐⭐⭐☆☆☆
TIME MANAGEMENT	⭐⭐⭐⭐⭐⭐⭐⭐☆☆
TEAM PLAYER	⭐⭐⭐⭐⭐⭐⭐⭐⭐☆
CREATIVITY	⭐⭐⭐⭐⭐⭐⭐⭐☆☆

EXPERIENCE

Intern
Fixello
April 2017 – May 2017

Fixello is a startup which was incubated in AU and started by our seniors, it aimed to bring the Mobile and Laptop repair services to the doorstep of the customers. Being and working in the Business Research team, the tasks primarily involved understanding and analyze the market for the company and the business models of various competitors.

EDUCATION

B.E Computer Science & Engineering

College of Engineering, Guindy

Anna University

Currently pursuing my degree (Batch Of 2020). I have successfully completed a couple of projects and I am an office bearer in a couple of clubs and an active member of various clubs.

Grade 12

Maharishi Vidya Mandir, Chetpet

Central Board of Secondary Education

Secured 91.8% as an aggregate in 2016 with Computer Science (99%) as the 5th Subject.

Grade 10

The PSBB Millennium School, Chennai

Central Board of Secondary Education

Secured a 9.6 CGPA in 2014 with Information Technology (9 GPA) as an additional subject.

COURSES

Android Development
Udemy
Present

The course deals with all the concepts required to become an android developer from scratch. Which includes all basic concepts in Java. And basic concepts in Android such as Activities, Intents, Listviews, Fragments, Navigation etc.

Java Programming
Duke University on Coursera
Present

Learning to design algorithms as well as develop and debug programs, that access and transform images, websites, and other types of data. And understanding strings, CSV files, arrays and lists

Python Data Structures
University of Michigan on Coursera
21st May 2017

Secured a grade of 96% in this course which moved past the basics of procedural programming and explored the use of Python built-in data structures to perform increasingly complex data analysis. Such as:
- Files
- Strings
- Lists
- Dictionaries
- Tuples.

Kaizen Robotics Program
Lema Labs
29th Jan 2017 – 5th March 2017

This program was conducted by Lema Labs, in association with International and Alumni Relations, *Indian Institute of Technology, Madras (IITM)*. Where I was part of a team that successfully built these following robots in the course:
- Simple Line Follower Robot
- Obstacle Avoider Robot (ATmega 16)
- Table Top Robot
- Analog to Digital Conversion Based Robot
- Pulse Width Modulated Robot
- PC Controlled Robot

All the robots were built using ATmega 16 microcontroller using Embedded C. We ended as the *2nd Runners Up*.

Getting Started With Python
University of Michigan on Coursera
22nd Dec 2016

Secured a grade of 96.6% in the course which covered the basics of programming computers using Python. It covered the basics of how one constructs a program with a series of simple instructions in Python.

Programming Foundations with JS, HTML and CSS
Duke University on Coursera
12th July 2016

Secured a grade of 95.6% where, I learnt foundational programming concepts (e.g., functions, for loops, conditional statements). In addition, the course included using HTML to construct a web page with paragraphs, divs, images, links, and lists, Adding styles to a web page with CSS and JavaScript commands like alert, onClick, onChange, adding input features like an image canvas, button, and slider.

WORKSHOPS

Android App Development
Microsoft
Jan 2017

Attended a two day code.fun.do boot camp organized by Microsoft which was based on App Development. Further, we as a team of 2 created an App for Canteen Management.

Algorithms
CEG Alumni
Dec 2016

Attended a coding camp conducted by CEG Students and Alumni. The camp included topics such as Trees, Dynamic Programming, Game Theory, Sorting and Graphs.

Ethical Hacking
Wikitechy
Sept 2016

Attended the workshop where topics such as Virus Creation, Anti-Virus Creation and Basics of Networking. The workshop was conducted in association with *Microsoft Research Community, Chennai* and *World Cyber Security Team*.

ACCOMPLISHMENTS

SAT Subject Tests

SUBJECT	SCORE	DATE
MATH 2	800	OCT 2015
MATH 1	790	OCT 2015
PHYSICS	800	NOV 2015
CHEMISTRY	780	JAN 2016

International Assessments for Indian Schools
The University of New South Wales, Australia

SUBJECT	GRADE	DATE
SCIENCE	DISTINCTION	2015
MATHEMATICS	CREDIT	2015
ENGLISH	CREDIT	2015

- Secured 3rd Place in Code-N-Chaos (Coding Event) in Vyuhaa'17 conducted by CTF in CEG.

VOLUNTEERING EXPERIENCE

Residential Volunteer
Hope Home, Trichy
June 2016 – July 2016

Hope Home is a hostel dedicated to the hapless children run by a Non-Governmental Organization (NGO) named 'Hope of the Hopeless', where I worked for the betterment of these school going children in various ways – by helping them improve their English skills, computer skills, overall personality, exposure, general awareness, creativity, communication skills and hygiene. In addition, I also helped the organization in various administrative work (including but not limited to typing, data entry etc.) and other miscellaneous activities. It gave me a sense of fulfillment. I continue to show my support to the organization and the hostel though not physically.

LEADERSHIP EXPERIENCE

Senior Officer
Capitalize-The Entrepreneurship Club of AU
2017-18

As a part of the External Relations team, one of the primary responsibilities is to obtain sponsorships from various corporate companies for conducting the annual Entrepreneurship Fest - Enantra and coordinating between the Junior Officers.

Secretary
Pixels–The Photography & Videography Club of CEG
2017-18

Coordinating between other office bearers for conducting the workshops, photo walks and other events organized by the club. Apart from mentoring juniors in the field of photography.

Junior Correspondent
Guindy Times
2017-18

Contributing to the articles and posts published on Guindy Times (The Official Campus Magazine of CEG, ACT and SAP, Anna University) in various creative aspects.

Event Coordinator
Kurukshetra 2017, CEG
Feb 2017

Worked as the Event Coordinator for an online event named 'Riddle of Sphinx' in Kurukshetra (An ISO Certified Technical fest conducted by CEG). I worked profusely primarily for conducting and marketing for this event in both through digital media as well as directly. In addition, I also had to administrate the volunteers working for the event.

Class Representative
Batch N, CEG
August 2016 – December 2016

Represented the class in class committee meetings along with the faculties and other staff, to discuss all aspects of the class both academically as well as non-academically. Apart from these meetings I was also responsible for other miscellaneous activities related to the class.