Anudit Verma

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Favorite Quote

The future belongs to those who believe in the beauty of their dreams.

Education

School/College	Qualification	Year	Percentage/GPA
California State University Long Beach	MS CS	2019-20	-
University School of Information & Communication Technology Guru Gobind Singh Indraprastha University	B.Tech (CSE)	2013-17	73.30 %

Projects

Google Summer of Code 2015   (May 2015 - August 2015)

New API: Open Supporter Data Interface Implementation

- Designed and implemented REST APIs for *CiviCRM* to enable interoperability among various association management systems.
- Ensured compliance with *Open Supporter Data Interface (ODSI)* to lower integration costs and data consistency across other platforms.
- Worked closely with assigned project mentors Joe McLaughlin (California, US) and Eileen McNaughton (Wellington, NZ) to understand design requirements.

Project Link: https://github.com/anuditverma/org.civicrm.osdi

Tech Stack: php, REST APIs, JavaScript, JSON

airtel Suvidha   (24-hours Hackathon, 20 May 2017 - 21 May 2017)

Airtel Suvidha: A Recommendation Engine

- Awarded 1st prize in *Airtel* WHack Hackathon, worked in a 4 members team to develop a recommendation engine for *Airtel*, an Indian telecommunications company.
- *Suvidha* is a data analysis tool that studies users' usage patterns and recommends optimal recharge plans based on the pattern. It provides *Airtel* with a better insight into their product's performance.

Details: https://www.hackerearth.com/sprints/airtel-hackathon/dashboard/8856444/submission/

Tech Stack: Flask-RESTful, MongoDB, JavaScript, Python, PHP

EY Contract Reader Tool   (24-hours, 4-5 November 2017)
EY Intelligent Automation Hackathon

- Winners at Ernst & Young (EY) Intelligent Automation Hackathon, worked in a four members team to develop a Contract Reader Tool.
- The tool performs contract completeness check, extraction of relevant clauses, executes applicability checks and subsequently shares the result report.
- It predicts the most likely rate of tax deducted at source applicable to a particular transaction by reading keywords from the invoice and map them against rate master.

  Tech Stack: Python, MongoDB, pyPDF2, Textract, Natural Language Toolkit (NLTK)

IoT Smart Home System: Undergraduate (B.Tech) Project

- Developed an Internet of Things (IoT) based Smart Home System. A Web App monitoring tool and mobile application for controlling the smart home devices.
- Utilized Raspberry Pi as a server for hosting the smart home system connected to the relay which then further communicates with these connected devices.

  Tech Stack/Hardware: php, CSS, MySQL, Raspberry Pi 2 (Model B), Relay Switch

MAA (Medical Ambience App): Avaya Hackathon (6-7 May 2017)

- Utilized *Avaya's* SDK to create an Android App in a three members team.
- This application aggregates and analyses patient's vitals' feed and generates a Health Score Index (HSI) for a medical staff to monitor patient's health.

  Project Link: https://github.com/anuditverma/MAA-Avaya-Hackathon

  Tech Stack: Android, php, CSS, JavaScript, *Avaya* SDK

ShareCrumbs: HackSC 2020 Hackathon (24 hours, 31 Jan - 2 Feb 2020)

- Developed a Web App in a four members team, that helps to avoid food wastage by recovering surplus food from campus dining halls and restaurants.
- Created a mini eco-system in which shelter homes and NGOs can locate and navigate to such food resources for consumption.

  Project Link: https://devpost.com/software/sharecrumbs

  Tech Stack: php, MySQL, JavaScript, TomTom Maps APIs

Achievements

- **EY** Ernst & Young Intelligent Automation Hackathon **Winner** in a four members team. The event was oraganised EY, and its Alliance Partners Automation Anywhere, IBM and Microsoft on 4-5 November 2017.
- **airtel** WHack #WhatTheHack Hackathon **Winner** in a four members team. The event was oraganised by Airtel and HackerEarth on 20-21 May 2017.
- **ORACLE** Secured **2nd Position** in Oracle's OBELabs Coding Challenge at Oracle Code event held at New Delhi on 10 May, 2017.
- **5GFWD** *Social Media Challenge* **Winner** with a teammate at Oulu 5GFWD Hackathon organised by *UltraHack* at University of Oulu, Finland in June 2017.
- **Winner** in Field Hockey Tournament at Zonal Level in Delhi State. Organized by Directorate of Education, Government of NCT Delhi in 2010.

Honors & Awards

- **moz://a Take Back The Web Challenge** (May 2016 - July 2016)

  Winner of the Mozilla Take Back The Web Challenge which is an university based campaign built for student leaders and mentors who are working together. They raise awareness and empower other students to make choices about how their personal information is used online on the Internet.

- **International Olympiad 46th Rank Holder** (November 2010)

  The International Informatics Olympiad (iiO), a test of competence and proficiency in computer science, is held annually at the national and international levels based on syllabus prescribed by CBSE/ICSE and the State Boards. Apart from the syllabus, a part of test paper is based on mental ability and reasoning.

Publications

- **A Framework of Smart Homes Connected Devices Using Internet of Things**

  Authors: Dr. M. Bala Krishna & Mr. Anudit Verma
  Published in: Contemporary Computing and Informatics (IC^{3}I), 2016 2nd International Conference on 14-17 December 2016.
  Link: http://ieeexplore.ieee.org/document/7918794/

Experience

- **Class Representative, Computer Science & Engineering, Class of 2017**
  Elected Class Representative for Class of B.Tech (Computer Science & Engineering) Batch 2013-17 USICT, GGSIPU for the Academic Year 2016-17.

- **Speaker, GGSIPU-LUG** (August 2015 - August 2017)

  Linux User Group (GGSIPU-LUG) club is meant to guide students interested in Linux and help them to prepare core IT/CS concepts. They learn about real-world software development on Linux platform.The club aims to organize regular sessions where enthusiasts developers work together and exchange know-how in the world of Linux and Open-Source.

- **Founder, Open Source Learning Club** (September 2015 - August 2017)

  Through *Open Source Learning Club (OSLC)* educators improve courses, making their schools more effective; students find additional resources to help them succeed; independent learners enrich their lives and use the content to tackle some of our world's most difficult challenges, including sustainable development through open source technology.

Technical Skills

System Languages:	C/C++, Java
Back End:	php, Python, Go
Front End:	HTML5, CSS, JavaScript, jQuery
Database:	MySQL, MongoDB
Platform:	Linux, Windows, Android
Version Control:	git
Development Tools:	MATLAB, Xilinx ISE, MS Visual Studio, NetBeans
Designing Tools:	Adobe Illustrator, Adobe Photoshop