

NEELKUMAR N. PATEL

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Objective: To be well versed and pragmatic in computers to enhance my instinct knowledge of computer and information science by gaining practical level of education and to contribute towards the society.

EDUCATION

Birla Vishvakarma Mahavidyalaya Engineering College (Autonomous), Vallabh Vidyanagar Aug 2015 – May 2019
Bachelor of Technology - Information Technology (Anticipated May 2019) CGPA 9.15

- Developed several projects for the department and off-campus companies
- Conducted several workshops and technical seminars as chief co-ordinator of ISTE Technical Committee

TECHNICAL SKILLS

Programming Languages	: C, C++, Java, Python, Android, Swift(Familiar)
Software Tools	: Android Studio, XCode, Git, Visual Studio, Eclipse, WebStorm
Databases	: MySQL, Oracle, NoSQL, MongoDB
Mobile Application Development	: Android, iOS(Familiar)
Web Development	: HTML, CSS, PHP, JavaScript, NodeJS(Familiar), AngularJS(Familiar)
Other	: JSON, Firebase, REST APIs, Heroku, Data Analysis(Familiar)

INTERNSHIPS AND TRAINING

Engineering Intern at OpenEyes Technologies, Inc Jan 2019 – Ongoing

- Responsible to develop “Anti-Smokify: Smoking Detection in Videos” a ML based Project to detect smoking in the videos and return the timestamp of smoking scenes

Summer Intern at Gujarat Alkalies and Chemicals Limited May 2017 – June 2017

- Developed a Decision Support System Module named “Hydrogen Utilization” for ERP System
- Technology was restricted to Oracle 12c Database as backend and PHP for server-side programming
- Trained to Develop an ERP system by SAP team in the company

Trainee at Internshala Virtual Training Centre April 2018 – May 2018

- Trained in Python Programming language to develop Backend and Desktop Application using PyQt and SQLite
- Earned 88% in final assessment grading of training and developed a desktop cricket game

ACADEMICS PROJECTS

more on GitHub

EyeBall Controlled Wheelchair – Python, OpenCV, Raspberry Pi June 2018 – Dec 2018

- Developed a locomotive embedded system that helps medical paralysis patient for locomotion using eyes
- Python and OpenCV tracked movement of EyeBall and Raspberry Pi and Pi Camera for motors integration

Periodic Table REST API – Python, Flask, Pandas, JSON June 2018 – Aug 2018

- Developed RESTful API to fetch periodic table element’s data using atomic number, name, state, symbol, group

E-Attend – Android, Firebase, Google Maps API Jan 2018 – April 2018

- Developed an android application to replace the biometric system for attendance by using geolocation
- Project was based on client-server architecture which verifies the location of employee and marks attendance

GitHub Profile – Android, iOS, Web Nov 2017 – Jan 2018

- Developed a stack platform to fetch the GitHub profile of a specified user to evaluate the profile
- Project was developed on various platform like Android using Java, iOS using Swift, Website and Desktop Application using python and PyQt

PAPER PUBLISHED

Prediction of Promotion and Position of Employee in Company and Analysis of Machine Learning Algorithm, IJTIMES, ISSN: 2455-2585 June 2018 – July 2018

- Using Decision tree ML and Naïve Bayes ML Algorithm to predict the promotion and position of employee in company using past data of employees at the company

EXTRA-CURRICULAR ACTIVITIES

Chief – Coordinator for ISTE (Indian Society for Technical Education) Students’ Chapter Aug 2016 – March 2018
Event Manager for GENESIS 2017 (Annual Technical Festival) at University Aug 2017
Web Developer for Vishvakarma Magazine Jan 2018