

AKSHAY CHOUDHARY

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EDUCATION

M.Eng	Carleton University, Technology & Innovation Management	2021-2022
B. Tech	Bharatiya Vidyapeeth's College of Engineering (GGSIPU), Electronics and Communication Engineering <ul style="list-style-type: none">GPA: 3.42	2014-2018

RESEARCH EXPERIENCE

Bharatiya Vidyapeeth's College of Engineering, Delhi 2017-2018
Research Project, ECE Department
Project Title: Implantable Antenna for Biomedical Applications
Supervisor: *Dr. Rajiv Nehra*

- Designed an implantable antenna using HFSS software for biomedical applications and implemented machine learning concepts like classification algorithms to predict emergencies.
- Conceptualized for timely diagnosis of Diabetic and Hypertension emergencies.

Defence Research & Development Organization, Delhi Jun 2017 – Aug 2017
Internship, DTRL Lab
Project Title: Electroluminescence Using Tesla Coil
Supervisor: *Dr. Amitanshu Pattanaik*

- Studied Electroluminescence which explains the concept of luminescence by application of electric field. Different elements were studied for the project.
- Designed a Tesla Coil from scratch to be used in the experimental setup. Research work was performed under the tutelage of DRDO scientist.

PROFESSIONAL EXPERIENCE

Python Developer 2019-,2020
Tata Consultancy Services

- Worked in Life Science domain
- Development and operation (DevOps) activities of a custom web application used as a ledger for all RnD experiments by 1000+ scientists and consumed by many other applications.

- Worked on improvements suggested by clients both on Front-end & Back-end components.

.Net Developer

2018-2019

Tata Consultancy Services

- Worked in Life Science domain
- Development and operation activities of a windows-based application used as a content management system.
- For data retrieval, Elasticsearch was used for optimization.
- Worked on Kibana dashboard for business presentation to clients and internal reporting.

PROFESSIONAL ACADEMIC AND ADMINISTRATIVE EXPERIENCE

Workshop Lead, Carleton A.I Society

2021

Campus Ambassador, TECHNEX

2017

- Assisted in organizing events of TECHNEX, the annual techno-management festival of IIT (BHU) Varanasi in our college.

COMMUNITY SERVICE

National Association for Blind, Delhi

Aug,2016 – Sep,2016

- Successfully completed 30 hours of voluntary work at NAB, during which participated in teaching exercise as well as involved in E-text books editing exercise which contribute towards accessible education material for the blind.

LANGUAGES

Hindi: Native Language

English: Full Professional Proficiency

COMPUTER SKILLS

Programming: Python, SQL, C#, SAS, ADO.NET, DevExpress

Applications: MS Office, MS Visual Studio, Jupiter Notebook, Tableau, SAS Studio, SQL Developer, GitHub & JIRA

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

ACHIEVEMENTS

- RUNNERS UP: Inter Organization Basketball Tournament at TCS
- WINNERS: Annual Intra College Sports Meet

- RUNNERS UP: All India Afzal Khan basketball tournament
- RUNNERS UP: Inter Zonal Sports tournament for Basketball (Under 19 Sr. Boys)
- WINNER: Excellence Award for role in school basketball team
- Served as Base guitarist in Strings School of Music band at various concerts

INTERESTS

- Listening to music, playing basketball and watching films.
- Artificial Intelligence and Renewable Energy.
- Ardent follower of online social forums and online multiplayer gaming