

CHETAN RAWAT

Computer Science Engineer

University of Petroleum & Energy Studies, Dehradun

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EXPERIENCE

Software Developer Intern

ANZ (Australia New Zealand Bank)

Feb 2020 - Sept 2020

Bangalore, India

- Developed RESTful APIs for Automating Database operations for SQL and Oracle.
- Working with team on development, testing and integrating the APIs with Service Now.
- Developed an Estimation Tool to Calculate various Infrastructure costs for Finance Team.
- Deployed the Tool on IIS and made it live
- Technologies Used: JAVA, CSS, JS, SQL Server, ASP.NET, C#, POSTMAN, T/SQL, Tomcat, IIS

Product Developer Intern

Brainstem Technologies

June 2019 - Aug 2019

Jaipur, India

- Built up a Chat bot utilizing AWS Lex for depression, stress and anxiety identification using Sentiment Analysis.
- Provided research and development on deployed chat bots to showcase benefits and retain customers.
- Designed a web page to integrate the live bot.
- Helped incorporate product changes to drive customer engagement and company profits.
- Technologies Used: Python, ML(NLP), MySQL, AWS - LEX, Lambda & Comprehend

PROJECTS

Abnormality Detection in X-Rays

April 2019 - Jan 2020

- Detecting the presence of fractures in xray
- Applying different transformation on the available data to synthesise new data using Data Augmentation.
- Creating our own data set by collecting x-ray images from hospitals and training the model.
- 66 kappa score delivered using half the data set

Security from unauthorised devices

March 2019 - April 2019

- Constructed an application that verifies secondary storage device authorization for connection to the system.
- Face detection and recognition for intruder detection.
- Notifies the system administrator in case of breach.

Pothole Detection

December 2018 - January 2018

- Developed an application for pothole detection using Mobile Camera.
- Use of Google API to pinpoint the pothole location.

Word Based Text Compression algorithm

September 2018 - December 2018

- Compress and Encrypts text file into binary files for storage.
- Decompress and decrypt the binary files back into original text files.
- Compression ratio of 2.82 accomplished

EDUCATION

Computer Science Engineer

University of Petroleum & Energy Studies, Dehradun (UPES)

Aug'16 - June'20

CGPA: 8.15

12th Standard

St. Anselm's North City School, Jaipur

2014-2016

89.6%

10th Standard

St. Anselm's North City School, Jaipur

2010-2014

CGPA: 8.2

SKILLS

- Languages: C, C++, JAVA, PYTHON, HTML, CSS, JAVASCRIPT
- Database: MySQL, SQL Server
- Other tools: RHEL, ASP.net, AWS, Adobe Photoshop & Illustrator

ACHIEVEMENTS

- UPES 2020 Batch Scholarship Winner
- Red Hat Certified System Administrator (RHEL 7.0)
- Professionally Certified Graphic Designer
- Design Head & Executive Member UPES ACM-W Student Chapter
- Graphic Designer, BIOS, Annual magazine of the SoCS, UPES