

# Adit Negi

<https://portfolioadit.herokuapp.com> | [aditnegi1@gmail.com](mailto:aditnegi1@gmail.com) | [github.com/adit-negi](https://github.com/adit-negi) | [aditnegi1@ducic.ac.in](mailto:aditnegi1@ducic.ac.in)  
+91 9650691551, +91 7701837305

## EDUCATION

**UNIVERSITY OF DELHI**  
**BTECH COMPUTER SCIENCE**  
2017-21 | New Delhi, IN  
Cluster Innovation Centre  
Information Technology and  
Mathematical Innovations

**MOUNT CARMEL SCHOOL**  
Grad. May 2017 | New Delhi, India

## LINKS

Github:// [adit-negi](#)  
LinkedIn:// [adit-negi](#)  
Twitter:// [@adit-negi](#)  
Quora:// [Adit-Negi](#)

## COURSEWORK

### UNDERGRADUATE

Machine Learning and Neural Networks  
Operating Systems  
Artificial Intelligence + Practicum  
Advanced Algorithms  
Computer Graphics + Practicum  
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Over 5000 lines:  
JavaScript • Python • Python-Django •  
ReactJs • VueJS • Matlab • NodeJs •  
LaTeX • C • C++ • CSS • Express  
• MongoDB • Flask • RestAPI  
Familiar:  
AWS • React Native • Android • MySQL

## EXTRACURRICULAR

### ACHIEVEMENTS

- Codechef 4 star
- ICPC 2019 online qualifier rank 1 in Delhi University
- College Football Player- Round 2 Reliance Youth Sports
- Member of college coding society HashInclude.
- Organized Convoke 2.0 (Delhi University's biggest tech fest)
- Core team member Convoke 3.0 (Delhi University's biggest tech fest)

## EXPERIENCE

### KOIK TECHNOLOGIES | SOFTWARE ENGINEER INTERN

July 2019 - Present | Remote (Estonia)

- Built a fullstack online test taking application with Vue and NodeJS
- Built Rest API's for saving, deleting and grading tests.

### URBAN PENDLER | SOFTWARE ENGINEER INTERN

June 2019 - Sep 2019 | Noida, UP

- Built a comprehensive Dashboard in Django with the help of Bootstrap, Charts.js, Django Tables for data analysis and visualization of fields.
- Automated data transfer to xlxs, csv, ods, tsv, json, html app from Django models.
- Developed an invoice generator and automated mailing for a new service using Py2Pdf.

### VAU HOMES | SOFTWARE ENGINEER INTERN

May 2018 - Aug 2018 | Remote (Mountain View, CA, USA)

- Built a web crawler with Selenium for real estate websites.
- Populated a MongoDB database. Preprocessed data and applied feature selection.
- Applied ML algorithms on the dataset to predict house prices. Practiced feature engineering, RFs and gradient boosting.

### ARTZEN SOFTWARE LABS PVT LTD | SOFTWARE ENGINEER INTERN

Jan 2018 - March 2018 | New Delhi, IN

- Worked with a API for sentimental Analysis of reviews.
- Analysed key words and used the api to build several models.

## MAJOR PROJECTS

### HEURISTIC RESEARCH USING SENTIMENTAL ANALYSIS OF THE OSCARS. | Repository Link | RESEARCH PROJECT

Jan 2019 - May 2019 | New Delhi, IN

Gathered data by scraping from twitter. Using techniques such as tokenisation and stemming, analysed the data for psychological impact of a major event on humans to change their perception. Bayesian theory was used for quantification.

### COVID MODELLING USING SIR AND SIERD MODELS | Repository Link | RESEARCH PROJECT

Mar 2020 - May 2020 | New Delhi, IN

Model designed to estimate the growth of COVID-19 in India and its states. Used official data for quantifying the parameters of this model. All simulations were executed in MATLAB. RMES was used to calculate Beta in Python using Scipy, numpy.

### TWITTER REDDIT MESH | Repository Link | PERSONAL PROJECT

This is a twitter and reddit clone which uses Django REST FRAMEWORK and ReactJS, bootstrap to emulate twitter and reddit an attempt to bring about the best of both worlds.

Functionalities - Login, Tweet, Retweet, Like, Retweet/Sub-Reddit home page

### VEHICLE ROUTING PROBLEM (VRP) TRAVELLING IN INDIA |

Repository Link | PERSONAL PROJECT

Real-life demo of Vehicle Routing Problem (VRP). The question definition is to conquer Travel Salesman Problem (TSP) that has multiple salesmen.