

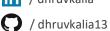






Hatfield, Hertfordshire





# **PROFILE**

Pursuing MSc. Al and Robotics at University of Hertfordshire. With over 4 years of software development experience with strong interest in machine learning, currently looking for full time opportunities starting from Sept' 21.

## **EDUCATION**

University of Hertfordshire MSc. Artificial Intelligence with Robotics Sept' 2020 - 2021

June 2012 - 2016

(Artificial Life and Robotics, Theory and Practice of Artificial Intelligence,

Machine Learning and Neural Networks)

Amity School of Engineering and Technology, India

Bachelor of Technology (Computer Science and Engineering)

First Class Honors (73.26%)

(Object Oriented Programming, Java Programming Language, Algorithms,

Data Structures, Mobile Computing)

# PROFESSIONAL EXPERIENCE

## Algorithmics, United Kingdom

Python Tutor (Part-time)

Oct' 20 - Present

- Teaching programming using Python language
- Helping children create their own projects and games (Roblox Studio)

Accenture, India

Software Engineer

Feb' 17 - Aug' 20

- Created RESTful APIs to channelize data pipeline between several applications using spring and hibernate framework
- Developed a chat bot for insurance agents using NLTK and tensorflow
- Designed and developed backend architecture using hibernate for an insurance and e-commerce client
- Improved SQL query performance by minimizing number of records to be which reduced the DB response time by 70%
- Developed cron jobs to perform automation on server with incoming data
- Worked on third party integrations for payment and login with RazorPay and JusPay
- Implemented Singleton and Facade design pattern for better code accessibility

### **Utopia Innovations, India**

Backend Developer (Intern)

Sept' 16 - Jan' 17

- Created backend APIs consumed by Android and iOS application
- Developed Social Networking Android Application from scratch
- Adapted Memory Optimization techniques so as to minimize thread utilization of the app
- Followed Material Design Guidelines while setting the theme of the application in the very early stage of development

# Glance Media Technologies, India

Android Application Developer (Intern)

Jan' 16 – July' 16

- Wrote modules for social media logins, custom SMS/email login, analytics tracking, push notification support, in app notifications, background syncing
- Scaled to 40K+ users within first 5 months of launch.
- Helped in defining and strategize on all the visual elements of the company
- Standardized guidelines that were used by the content team for all the stories done by Glance as well as images posted on all social platforms

### TECHNICAL SKILLS

Java

Python

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HTML / CSS

XML / JSON

Pycharm

Eclipse

Android Studio

Net Logo

Aseba Studio

Version Controlling (Git)

Natural Language Processing

· Spring and Hibernate Framework

RESTful APIs

JUnit Framework

# **CERTIFICATIONS**

Machine Learning with Python

(Coursera)

Mathematics required for Machine Learning

(Coursera)

Data Structures and

Algorithms (Coursera)

#### LATEST PROJECTS

# Predictive-text (Python, Flask, Tensorflow)

Nov' 20

Python API which returns the complete sequence based on the input sequence provided. NLP model is trained on a dataset from a Shakespeare's play.

## **B2C Chatbot** (Python, Azure bot service)

Oct' 20

A chatbot bridging the gap between a consumer and a seller in numerous ways by providing seamless user experience to the customer. An efficient and two-way communication which enables the business to expand its horizons.

# Kaggle-to-Github (Python)

Aug' 20

A python script which downloads kernels and datasets from kaggle and pushes them to your new/exisiting git repository.

#### **VOLUNTEER**

#### Accenture CoderDoJo

Taught young kids how to code, develop websites, create apps and games.

#### The Education Tree

Created solutions to provide a common platform for youngsters to follow their passion and enhance their skills.

#### **ACHIEVEMENTS AND INTERESTS**

- Won Inter State Overnight Hackathon | Best App Award | IIIT Delhi, India
- · Most Innovative App Developed | Android App Development Challenge | American Library, India
- 2<sup>nd</sup> Position | Programming Challenge | AIT Techfest, India