Karthik Sridhar

Penultimate Year Computer Science Student

contactkarthik34@gmail.com ✉

07501460732 📱

Bristol, United Kingdom 📍

karthiksridhar.me 🌐

linkedin.com/in/karthik-sridhar-343546147 in

github.com/kartsridhar ⦿

Hardworking and inquisitive student who is always ready to challenge the status quo. Keen on Data Sciences and Machine Learning, I have experience in Data Modelling, classification and algorithm development. Currently learning C# with .NET Core for development in order to build CMS, REST APIs and Mobile Applications. Looking for a Summer Internship to utilise my problem solving skills to gain valuable experiences for a better future.

EDUCATION

MEng Computer Science
University of Bristol

09/2017 – Present   *Current and Predicted Grade - 2.1*

Key Courses with First Class

- Functional Programming
- Software Product Engineering
- Computing Algorithms
- Computer Architecture
- Data Sciences

High School Examination
The Orchid School

04/2015 – 05/2017   *90% Overall*

Key Subjects with 90%+ Score

- Mathematics
- Chemistry
- Physics
- Computer Science

WORK EXPERIENCE

Student Intern
Zone Digital, Cognizant ⧉

08/2019 – 09/2019   *London*

Worked with Senior Data Analysts in the first half and Senior .NET Developers in the latter.

Achievements/Tasks

- Used Python and Google Analytics to build funnel charts for website workflows.
- Used Regular Expressions to clean, filter and anonymise text data.
- Used C# and ML.NET to develop a web application and apply topic modelling and text analysis.

Student Intern
Persistent Systems ⧉

07/2017 – 08/2017   *Pune, India*

Joined Persistent's six-week experience programme for Machine Learning to eventually extract vital information from medicinal data.

Achievements/Tasks

- Used Apache Spark and Python to extract and visualise data.
- Applied concepts of Logistic Regression to given section of data where classification was binary.
- Awarded a certificate of completion and commended by the Project Lead.

SKILLS

Python (Anaconda, Jupyter Notebook, Flask, ML)

C# (ASP.MVC, .NET Core, Xamarin Forms)

Java (Spring, Android Studio)

Git (Command line, Workflows, Branching)

Databases (MySQL)

Web Development (HTML-5, CSS-3, JS)

Cloud (AWS EB, Heroku, Circle CI)

KEY PERSONAL PROJECTS

Bristol Buddies ⧉
- Used Java, SQL and Oracle Cloud to develop a user-user matching Web Application (Spring) + Android Application (Android Studio).
- Awarded a First Class grade of 74% for final project and portfolio.

Mammographic Mass Analysis ⧉
- Used Python and scikit-learn to perform a case study on the public dataset provided by UC, Irvine.
- Achieved overall accuracy of 80% and cleared the course with distinction.

Pynenka ⧉
- Used Twitter's API and Python to develop a twitter bot that replies current football scores to twitter users using Web Scraping.
- Used Heroku's worker dynos to run the script for full automation.

KarthikSridhar.me ⧉
- Used Adobe Xd to design my portfolio website from scratch.
- Developed the website using HTML, CSS and JS and hosted it with GitHub pages.

CERTIFICATES

Machine Learning ⧉
Stanford University, Coursera

Data Science and Deep Learning with Python ⧉
Sundog Education, Udemy

Introduction to Analytics with AWS ⧉
CBT University, Udemy

HackerRank ⧉
Problem Solving, Skills specialisation