

Karthik Sridhar

Penultimate Year Computer Science Student

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.

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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