Karthik Sridhar

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Objective

I am a hardworking and inquisitive Computer Scientist who is always ready to challenge the status quo. To further develop my abilities in my field, I am looking for an internship that will allow me to utilise my problem-solving skills and programming experience. I want to gain maximum learning experience so that I am prepared to handle tougher problems and situations in the future.

Key Skills

- Strong Time Management skills
- Significant experience in C, Java, Haskell and MySQL
- Solid background in Mathematics and Analysis
- Experience in web development (HTML, CSS, JS and Cordova)

Education

University of Bristol
(September 2017 – May 2021)

MEng. Computer Science:
- First Year undergrad – Grade 2:1 (62% overall)
- First Class in Algorithms, Functional Programming and Computer Architecture

The Orchid School
(June 2015 – May 2017)

Class 12 Examination:
- Sciences (Physics, Chemistry, Mathematics) – 93% aggregate
- Computer Science – 96%
- Overall – 90%

Indira National School
(April 2008 – May 2015)

Class 10 Examination:
- Mathematics – 86%
- English – 86%
- Sciences – 86%
- Overall – 88.2%

Projects and Coursework

Scotland Yard Board Game Implementation
(March 2018 – April 2018)

- Worked in a pair to implement a logic for the game using Java.
- Added necessary code and implemented test cases to cater to all possibilities in the game.
- Developed a small AI to keep track of the players' score.

Small Scale E-retail Project
(May 2016 – June 2016)

- Created a small portal to buy and sell food items in my housing society
- Used Java GUI (NetBeans) as a front-end and MySQL as a back-end

Experience

Student Intern at Persistent Systems
(July 2017 – August 2017)

I worked with a team of seven employees on tackling the Machine Learning project given by the NHS Singapore in order to boost their systems. I looked at this internship as a mean to learn and gain experience from all the professionals. I am now able to come up with more efficient solutions and have improved my work ethic.

Student Intern at Manumits IT Solutions
(May 2017 – July 2017)

I joined Manumits after my year 12 examinations to gain knowledge on web and mobile application development. I studied a 1-month course to learn the fundamentals of HTML, CSS and JS. I was then given a task to create a website for a client of the same institution in order to test my learning and application. I further went on to use Cordova to compile and run the application for my mobile. I had a great learning experience which proved vital for my next internship.

Hobbies and Interests

Enjoy playing, watching and analysing football
Active member of the Cultural and Table Tennis clubs
Volunteering experience at Non-Profit Organisations

Links

GitHub - https://github.com/kartsridhar
LinkedIn - https://www.linkedin.com/in/karthik-sridhar-343546147/