

Adithya Sireesh

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Skills

Programming Languages: Python, Java, C++, Haskell, React

Other: AWS, CloudCompare, Meshlab, Keras

Education

The University of Edinburgh

BSc. (HONS) IN COMPUTER SCIENCE AND MATHEMATICS

Edinburgh, Scotland

Sep 2016 – May 2020

Experience

Amazon

London, UK

SDE INTERN

Jul 2019 – Sep 2019

- Worked on analysing business metrics for Prime Video and creating a pipeline to generate automatic business reports. I built a server-less data lake in order to get more insights about the business and track customer's flow on Prime Video.

AlgoSurg

Mumbai, India

MACHINE LEARNING RESEARCH INTERN (YC W18)

Jun 2018 – Sept 2018

- I built a statistical shape model(SSM) which can be applied in image segmentation of CT data of the knee region. I also helped in making a fitting algorithm where I applied the SSM in order to automate the segmentation of the femur bone in the CT scans of the knee region.

HypEd

Edinburgh, Scotland

SOFTWARE DEVELOPER

Oct 2017 – Jun 2018

- I devised an algorithm to find the orientation of the hyperloop pod using only proximity sensor data. I also worked on building some of the math libraries that were being used by the software teams.

Projects

Coinz

Java, Mapbox, Firebase

A MULTIPLAYER ANDROID APP TO COLLECT CRYPTO CURRENCY SCATTERED AROUND EDINBURGH, AND BUILD YOUR WEALTH BY EITHER KEEPING CRYPTO OR SELLING IT FOR GOLD.

https://github.com/AdithyaSireesh/new_new_Coinz

Connect 4 Bot

Haskell

THE OBJECTIVE OF THIS PROJECT IS TO APPLY SEARCH ALGORITHMS AND THEIR APPLICATIONS IN PATH FINDING PROBLEMS. THE ALGORITHMS ARE IMPLEMENTED USING HASKELL.

<https://github.com/AdithyaSireesh/Connect4Game>

VidSum (Currently working on it)

I AM CURRENTLY WORKING ON BUILDING A MACHINE LEARNING MODEL THAT WOULD BE ABLE TO TAKE VIDEOS AS INPUT, AND CREATE A SHORT CLIP WITH HIGHLIGHTS OF THE VIDEO.

Awards/Leadership Positions

Oct 2018-

EULTC Development Team Manager,

EULTC

May 2019

Edinburgh Award for Mathematics Peer Assisted Learning,

Uni of Edinburgh

May 2019

UKCC Level 1 Tennis Coaching Assistant,

British LTA

Mar 2017

Ericsson challenge winner, Largest hackathon in Europe. Our team had to find ways to optimize city wide transportation challenge between different actors. The goal is to transport as many customers as possible to their destinations.

Hack Junction

Nov 2019