Adithya **Sireesh**

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Skills

Programming Languages: Python, Java, C++, Haskell, React
Other: AWS, CloudCompare, Meshlab, Keras

Education

The University of Edinburgh *Edinburgh, Scotland*
BSc. (Hons) in Computer Science and Mathmatics *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 serverless 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 cryto 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-May 2019	**EULTC Development Team Manager**,
May 2019	**Edinburgh Award for Mathematics Peer Assisted Learning**,
Mar 2017	**UKCC Level 1 Tennis Coaching Assistant**,