

Michael Beer

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EDUCATION

EDINBURGH UNIVERSITY
B.S. IN COMPUTER SCIENCE
Expected May 2024 | Edinburgh

LINKS

Devpost:// **00MB**
Github:// **00MB**
LinkedIn:// **michaelwbeer**
Twitter:// **@michaelbeeredu**
Personal:// **michaelbeer.me**

NOTABLE COURSES

AUDITED

CS231n Convolutional Neural Networks
(Stanford, Dec'20)
6.S191 Introduction to Deep Learning
(MIT, Oct'20)

GRADED

Calculus and its Applications (May '21)
Inf 1 - Cognitive Science (May '21)
Introduction to Data Science (Dec '20)

SKILLS

PROGRAMMING

Advanced:

Python • HTML/CSS

Intermediate:

Java • JavaScript (React) • Haskell • R •
MySQL

Familiar:

PHP • Wolfram Language • \LaTeX

OTHER

Business:

Scrum • Public Speaking/Pitching

Hobbies:

Chess • Hackathons • Running

NOTABLE AWARDS

Hewlett Packard Enterprise Award
(Jan '21):

Won multiple hackathon awards including
the **Hewlett Packard Enterprise award**.

Created a web app that used an image
recognition model to predict diseases in
plants.

Computer Science Award (May '20):

Attained the highest subject scores in the
region for Computer Science at both
Higher and Advanced Higher level.

EXPERIENCE

EDVENTURE ACCELERATOR - AUTOBOOKME | SOFTWARE DEVELOPER

Dec 2020 - Present | Edinburgh, UK

- Gained an insight into the startup path by speaking with successful entrepreneurs and attending workshops.
- Further advanced my startup experience by co-founding AutoBookMe, a timetabling SaaS.
- 75 out of 200+ applicants chosen for the Edventure startup programme.

NEURALWORKS | FOUNDER

Nov 2020 - Present | Edinburgh, UK

- Created NeuralWorks, a student run AI research company currently serving as platform for sharing projects.
- Built multiple AI projects with TensorFlow that went on to win awards in hackathons and other competitions.

SALESAGILITY | SOFTWARE DEVELOPER EXPERIENCE

Oct 2019 - Nov 2019 | Stirling, UK

- Completed tickets for the new update including key functions using PHP and JavaScript.
- Created documentation for the new SuiteCRM update, using Markdown and Git.
- Gained valuable experience in the Scrum framework, learning how developer groups operate day-to-day.

PROJECTS

LOTTOCOIN | SOLE CREATOR

Feb 2021 | UGAhacks

- Created a cryptocurrency to solve the 51% attack problem. This required implementing blockchain, hashing, P2P networks etc.
- The currency was created with **Python**, with the web app being created with **React** and **Flask**.

CASSAVEA | PROJECT MANAGER AND DEVELOPER

Jan 2021 | CuHacking, TAMUhack

- **CASSAVEA** is a web app created to easily detect plant diseases and helps the farmers limit spread while providing helpful feedback on how they can combat these diseases.
- Created with **TensorFlow**, **React** and **Flask**.

OPTIVER ALGORITHM COMPETITION | SOLE CREATOR

Jan 2021 | HackCambridge

- Created a trading algorithm in a competition hosted by Optiver. Every team used the same environment and could alter the virtual market.
- Created with **Python** and hosted with **AWS**.

DATA SCIENCE FINAL | TEAM LEADER, CODE MAJORITY

Dec 2020 | The University of Edinburgh

- Analysed global suicide rates and investigated the key causes. This project achieved a near perfect score.
- Created with **R**.