

SHIV BHATIA (he/him)

London, UK
+447748379503
shiv.bhatia3021@imperial.ac.uk

github.com/galenys
linkedin.com/in/shiv-bhatia/
bit.ly/shivbhatia

EDUCATION

Imperial College London [2020-2024]:
Mathematics and Computer Science MEng
The Shri Ram School, Moulisari [2016-20]:
IB (44/45), class rank 1

EXPERIENCE

OfficeHours [Mar – Aug 2020]

Co-founder, lead front-end developer using React.js
Built a platform for educators to hold virtual office hours, partnerships with major universities in the US (Yale, UC Berkeley etc.)
Raised \$100k from Open Water Accelerator

NTT Data [Jan – Jul 2019]

Data Science and Machine Learning Intern
Co-authored paper on reinforcement learning algorithms in physical simulations

Computer Science Society [Mar 2018 – Mar 2020]

Lead instructor, taught weekly classes at my school to younger students.
Topics included video game development with Javascript, scientific computing with Python, and learning to use the command line and Git.

PROJECTS

ARM11 Assembler and Emulator [May – June 2021] (C, Gitlab)

Implemented a subset of the ARM11 instruction set
Group project with 3 others, developed and presented emulator and assembler

MetaWord2Vec [Nov 2020] (Python, Pytorch)

A word-vector embedding trained on 'The Metamorphosis' by Kafka
Neural network architecture to capture contextual information in language

OpenAI GYM Rubik's Cube [March – May 2020] (Python, TensorFlow, PIP)

Built a Rubik's Cube simulation in pure Python
Contributed to the gym open source library, a collection of environments for testing and training reinforcement learning algorithms

SKILLS

[Languages]: Python, Javascript, Rust, C, Java, Haskell, HTML/CSS
[Frameworks]: Django, TensorFlow, PyTorch, Heroku, React.js
[Misc]: Native in Hindi, Fluent in French, Linux, Unity, Blender

AWARDS

Exun Build Hackathon 2020

Gold Medal, Special Mention
Developed Auxillium, an AI-powered mental illness diagnosis chatbot

Heart of Europe International Debate 2019

Bronze Medal, top 10 individual speakers