

SHIV BHATIA

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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

Palantir (London) [Jun - Sep 2023]
Software Engineering Internship
Microsoft (London) [Jun - Sep 2022]
Software Engineering Internship
Full stack development with React, Typescript, and Java
Added video conferencing functionality to MaXUC, a unified communications platform
OfficeHours [Mar - Aug 2020]
Co-founder, lead frontend developer
Built a platform for educators to hold virtual office hours
Raised \$100k from Open Water Accelerator
NTT Data (Chennai) [Jan - Jul 2019]
Machine Learning Internship
Exploratory research on reinforcement learning in physical simulations
Computer Science Society [Mar 2018 - Mar 2020]
Lead instructor
Taught weekly programming classes to younger students

PROJECTS

RCoin [Oct - Dec 2022] (Python, Typescript, Solidity)
A real-time auditable stablecoin and mobile payment platform
Designed to act as a payment processor for an African micronation
WACC [Jan - Mar 2022] (Scala)
A compiler for the WACC language specification
PintOS [Sep - Dec 2021] (C)
Extensions to the PintOS operating system (threads and user programs)
ARM11 Assembler and Emulator [May - Jun 2021] (C)
A simulation of a subset of the ARM11 instruction set
MetaWord2Vec [Nov 2020] (Python, Pytorch)
A word-vector embedding implementation
Neural network architecture to capture contextual information in language
OpenAI GYM Rubik's Cube [March - May 2020] (Python, TensorFlow)
An open source Rubik's cube implementation designed for deep learning

AWARDS

Polaris Fellowship (London Cohort) 2023
Ocado Technology Group Project Prize 2023
Given for Rcoin, an award given to the best group project in the year
G-Research Prize 2022
Awarded to the top ten non-final year computer science undergraduates
Dean's List 2022
Awarded to the top 5 students in the year

SKILLS

[Languages]: Python, Typescript, Rust, Java, Haskell
[Frameworks]: React.js, Django, PyTorch, GraphQL