

Curriculum Vitae - Rohit Pai

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About myself:

I am a computer science student doing masters at The University of Nottingham with experience in multiple programming languages such as Java, C#, Python, HTML, CSS, JS, PHP, bringing forth a motivated attitude and a variety of powerful skills. I am passionate at my work, very good at bringing the team together to get a project finished. My team-working and leading skills were appreciated during my placement year.

Education

2022 – 2023, MSc Computer Science (Artificial Intelligence), University of Nottingham

- Advanced Computer Networks
- Databases, Interfaces and Software Design Principles
- Machine learning
- Games
- Big Data Learning and Technologies
- Research methods
- Research Project Computer Science (Artificial Intelligence)

2018 – 2022, BSc Computer Science and Artificial intelligence with a Placement Year, University of Sussex

During my four years at the university, while studying the subjects of my interest I thoroughly enjoyed the below modules. I succeeded with an outcome of 2:1. In these four years apart from studying I participated in a number of hackathons.

1 st Year	2 nd Year	3 rd Year
Further Programming	Acquired Intelligence & Adapt. Behaviour	Human-Computer Interaction
Global Design Challenge	Computer Vision	Neural Networks
Introduction to Computer Systems	Databases	Introduction to Computer
Introduction to Programming	Fundamentals of Machine Learning	Security
Mathematical Concepts	Natural Language Engineering	Web 3D Applications
Professional Skills	Principles of Neuroscience	Knowledge & Reasoning
Programming Concepts	Program Analysis	Final Year Project – Unity
The Ghost in the Machine?	Software Engineering	FPS AI

Placement Year

Sep 2020 – Jun 2021, Intern Consultant, Cerebriu, Copenhagen

Completed a ten-month placement at a health tech company based in Copenhagen, Denmark. My main achievements:

- ✓ Fixed the memory leak in the in-house papaya JS medical image viewer.

- ✓ I introduced Selenium to the team at Cerebriu and got the opportunity to implement Selenium in the Jenkins CI/CD pipeline for front-end UI testing.
- ✓ Converted 20 of the old manual tests to front-end UI tests to be run in the CI/CD pipeline.
- ✓ Held a workshop on how to create Selenium tests in Python.
- ✓ Suggested and installed Ubiquiti Wi-Fi access points at the new office.
- ✓ Configured the Wi-Fi security for better protection and enabled guest Wi-Fi access using one-time access codes.

2020 - React Nanodegree, Udacity

<https://graduation.udacity.com/confirm/NGKJKWWE/>

Learnt React, which includes components, React routing, state management, props, the concept of React classes. Also learnt Redux, which includes Redux and more state management, Redux store, React, and Redux put together. Learnt React Native, which includes Native components, notifications, and device styling. *Completed the 4-month course in a single month.*

2016 – 2018 - BTEC Level 3 IT, Chelmsford College

Completed a BTEC level 3 in IT with a D*D*D* (the highest grade). The course consisted of various choices; some were graphic design in Photoshop, programming in C#, game development, and web development.

2017 – 2018 - Mobile Web Specialist Nanodegree, Udacity

<https://graduation.udacity.com/confirm/EPWMYAR9/>

Offered this Nanodegree free of charge due to a prior scholarship program that was undertaken. Very much enjoyed learning about how to build Progressive Web Apps (PWAs), which are web apps that can be used offline on the phone.

Other Experience

Jul 2019 – Aug 2019, Student Intern, Cerebriu, Copenhagen

Worked for a health company from home during the summer. Notable contributions include fixes for the in-house papaya JS medical image viewer, fixes for the main UI.

Sep 2016 – Aug 2017, Retail Assistant, Co-op, Billericay

Worked at the local co-op part-time while studying a BTEC level 3 in IT at college. This job entailed stacking shelves, helping customers find items in the store, and working at the tills.

References Available on request