

# I'm Ross Nkama

Who's Ross Nkama?

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### Ross Nkama's Details

- Email: [Ross.nkama@ada.ac.uk](mailto:Ross.nkama@ada.ac.uk)
- Phone: 07426343469
- Address: 4C Ulva Road, London, SW15 6AP
- Digital Portfolio: [rossnkama.github.io](https://rossnkama.github.io)
- Linkedin: <https://www.linkedin.com/in/rossnkama/>
- Github: <https://github.com/Rossnkama>

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[Ross Nkama's contact details](#)  
<https://contact/RossNkama/>

## Ross Nkama's personal statement

<https://why-you-should-hire/RossNkama/>

I'm a **curious agent**. About a year ago it occurred to me how young I was and despite this, having seen a lot more change in the world than my grandparents have despite them having lived a lot longer than I have.

So I **investigated**.

Hackathons, Meetups, workshops... I started attending all of the above while learning how to code in Python and it so interesting. So interesting in fact that I made a really risky decision to leave the comforts of my old school and enroll for **Ada. The National College for Digital Skills** so that I'd always be doing computer science.

And since then?

I've done allot with the most recent being that I was invited to and attended a university only hack - Hatch London despite only being in yr 13 and nearly all applicants ranging from undergrads to PhDs at top russel groups in the country like Oxford, Cambridge and UCL. I and my amazing **team** claimed 4th place.

And now my current **passion** is AI - I've made a self driving car using a neural network with deep reinforcement Q-learning and I'm writing a paper on AI for beginners in my free time for Medium.

# Ross Nkama’s technical skills

<https://what-can/RossNkama/do/>

Programming Languages + Frameworks:

- General purpose:** Python(Proficient), Java(Proficient), R(Familiar)
- Web:** HTML, CSS, Javascript (jQuery)
- Apps:** Currently learning Java for android...

Software and applications:

- OS’/Environments:** Windows/Linux/Unix(Mac OS) command lines
- IDE’s + Editors:** Spyder, Jupyter notebooks, Pycharm, VScode, Atom, Android studio,rstudio
- Version control:** Basic git for Github and Bitbucket

# Ross Nkama’s education

<https://what-qualifications-does/RossNkama/have/>

- Ada. National College for Digital Skills: September 2016 - July 2018
  - BTEC Level 3 Extended diploma in computing - Predicted D\*D\*D
  - A-Level Physics - Predicted C
  - Extended Project Qualification (EPQ) - Predicted ???

St Cecilia's Wandsworth:

- 9 GCSE’s A to C Including English + Maths
- Sport’s leadership award (½ GCSE)

End of results.

## Ross Nkama's real world experiences

About 3 results in (0.07 seconds)

### Ross Nkama's favourite technical projects

<https://what-has/RossNkama/been-up-to/>

- **Autonomous Taxi** - Its purpose is to get users from point A - B while avoiding driving on a dynamically user drawn sand road boundary.
- **Synapse** - A programming language being made for machine learning. (Currently on lexical analysis)
- **Series of Medium articles on Machine Learning** - I'm writing a series of articles for beginners in machine learning on medium with the article's contents pushing a main emphasis in the reader gaining and comprehensive philosophical understanding of the content:

Draft 1 - <https://medium.com/p/6814add2b2a9/edit>

- **Bank of America infographics + Big data analytics challenge**
- **Deloitte's IoT smart campus hack RFID based informations system** - Featured in IoT now tech journal here:

<https://www.iot-now.com/2017/09/26/67467-ada-college-hosts-iot-hackathon-thingworx-becomes-part-curriculum/>

### Ross Nkama's work experience

<https://All-of/RossNkama/work-experience/>

#### **Ada. National College for Digital Skills** (*Paid Java Mentor*) Oct 2017:

My College chose the 4 best java developers to mentor digital innovation apprentices who needed help with their assignment. **I developed** a few techniques in how to source and fix a problem in code while probing colleagues to find, understand and fix these problems without me explicitly giving it to them.

#### **Octopus labs** (*Developer*) Oct 2017:

I shadowed 3 software engineers for 2 days and did lot's of small programming tasks for backend with Python. From it **I've improved** the way I use developer tools to improve my workflow - thus making me more productive.

#### **Curry's PC world** (*Retail assistant*) March 2015:

Being a retail assistant for **2 weeks** I **learnt** about the important of soft skills on top of subject knowledge in completing tasks effectively as I had to frequently give somewhat technical advice to customers and communicate with colleagues to carry out tasks smoothly.

#### **Surbiton wildlife group** (*Assistant warden/Ecologist*) Sept 2015:

I learned a lot of applications to some of the science I had learned at GCSE and watched a lot of the theory actually be applied to real tasks. It let me start to fully **appreciate** how lots of different disciplines are linked and lay the foundation for others and **better** my critical thinking skills.

# Ross Nkama's extra activities + Interests

<https://what-else-does/RossNkama/do/>

## **Coder Dojo** (*Mentor and facilitator*):

I've clocked in roughly 14 hours in mentoring children and teens how to code using Python, HTML/CSS/Javascript and scratch.

## **Big Tech Events:**

**Mozfest 2016:** I helped to facilitate a college run workshop - "Build your own reaction game with an Arduino".

**TechXLR8:** I found that having a wider knowledge about computer science can greatly improve the scope of what you're able to make which is why I and a like minded peer attended this event.

**Giant Health:** My team were chosen to pitch an app that we'd made made at a hackathon at **Europe's biggest health tech event.**

**AWS Summit** (Amazon web services)

## **Acorn Aspirations** (*Mentor, UX designer, Research, speaker*):

I've mentored at numerous hackathons and accelerators hosted by this organisation and I also helped to design and validate their *to be released* online platform for entrepreneurial teens and mentors with developed from my human computer interaction module of my course.

## **Non-Tech activities:**

- In-door Climbing.
- Got very far in trying to set up a fencing club with an olympic fencer.
- Recently gotten into writing articles.
- Chillin...

End of results.