# Ross Nkama

Who's Ross Nkama?

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**Ross Nkama's Details**

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

More items...

Ross Nkama's contact details
https://contact/RossNkama/

## 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) (Proficient/Familiar)
**Apps:** Java, Android Studio

Software and applications:
**OS'/Environments:** Windows/Linux/macOS 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 top technical projects

- **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's compiler being made for machine learning. (Currently on lexical analysis)
- **R-Coin** - A I'm building crypto-currency with smart contracts, built off of a blockchain which I've also made.
- **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:
  https://medium.com/@ross.nkama/an-intuitive-understanding-of-machine-learning-6814add2b2a9
- **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

**Ada. National College for Digital Skills.** *(Paid Java Mentor) Oct 2017 - **1 week*****:**
My College chose the 4 best java developers to mentor digital innovation apprentices who needed help with their assignment. The week allowed me to develop my skills in explaining abstract concepts in a way that doesn't explicitly show how to fix a problem. This was useful in helping the apprentices, making sure that they understood certain concepts.

**Octopus labs** *(Developer) Oct 2017 - **1 week***:
I shadowed 3 software engineers and did lot's of small programming tasks for backend with Python. I learned how better to collaborate with teams using tools like slack and github to keep track of developments of a project.

**Curry's PC world** *(Retail assistant) March 2014 - **2 weeks*****:**
I **learnt** by experience, the importance 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 - **2 weeks***:
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 and creativity.

# Ross Nkama's extra activities + Interests

**CoderDojo** *(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)

   **The Telegraph, Technology intelligence:** I spoke on a panel with experts about the impacts of technology like AI and the web on society.

**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.

**Hatch London** (*Developer*):

   Recently I was invited to and attended a university only hack - Hatch London, despite only being in year 13, my team came 4th out of about 20 teams.

# Ross Nkama's education

Ada. National College for Digital Skills:                              September 2016 - July 2018

   BTEC Level 3 Extended diploma in computing - Predicted D*DD

   A-Level Physics - Predicted C

   Extended Project Qualification (EPQ) - Predicted B

St Cecilia's Wandsworth:

   9 GCSEs A to C including Maths, Sciences and English

End of results.