

ALEX AINA

7C Hyde Park Mansions, Cabbell Street, London, NW1 5BE

✉ alexander.d.aina@gmail.com

☎ +447804892917

alexandera.in

EDUCATION

Postgraduate Degree (2015-2020)

University College London

EngDoc M³S: The development of non-empirical force-fields for weakly-bound organic materials

Undergraduate Degree (2010-2014)

Imperial College London

MSci Chemistry with Molecular Physics – 1st Class Honours with Awards

School

Havering 6th Form College/Eastbrook Comprehensive

A-levels: Chemistry (A), Mathematics (A*), Biology (A), Physics (A*), WJEC Japanese Level I (Distinction)/GCSEs: 9 A*/A

ACHIEVEMENTS & ACCOLADES

Campaigner for action against violent crime in the UK (2018) - <http://chnq.it/bf4b8bhPyT>

Most liked Postgraduate Teaching Assistant in UCL Chemistry (2018)

Imperial College London Chemistry Departmental Award for Excellence in Physical Chemistry (2014)

Imperial College London Chemistry Departmental Award for Most Excellent 3rd Year Research Presentation (2013)

London Schools & Black Child Award Winner, Endorsed by UBS & The House of Commons (2010)

WORK & PROJECTS

Postgraduate Teaching Assistant (UCL, 2016-Present)

Teaching undergraduate Physical Chemistry lectures, leading seminars and assisting in 1st year Physical Chemistry Labs. This also involves the marking/grading of work and mentoring of students through their 1st year.

Freelance Dance Teacher & Events Organiser (2011-Present)

Teaching break/contemporary fusion dance classes as a method of expression that is fun and socially engaging. Organising dance-related events for both children and adults. Previous work includes weekly classes for University Arts London undergraduate students and weekly sessions for 4-12 y olds at St. John's Hackney as part of the Hackney Children's Theatre Company. These sessions aimed to make dance a fun, free yet very creative outlet for small children.

Member of the HashtagUnity Events Team & Contributor (2011-Present)

An artistic collective dedicated to finding creative, responsible and meaningful ways to improve our local area and the lives of the underprivileged. Focusing on the promotion, organisation and hosting of art/dance exhibitions across London. Organising the annual cultural dance party Jamuary, managing social media platforms and creating content such as photography, posters and trailers for events.

Tuition & Mentoring (2008-Present)

Tutoring and mentoring STEM sixth-form students up to an A-level standard. This has involved organising and managing numerous open days in universities and colleges as well as student events. In addition, presenting at primary/secondary schools in disadvantaged boroughs offering voluntary mentoring and advice, and informing students of the possible benefits of higher education or other career paths outside of the standard education system.

Roundhouse Theatre Resident Artist (2018-2019)

A performing artist in residence developing a fusion of contemporary circus and dance work to create an immersive entertaining experience that people from all walks of life can appreciate and enjoy. An example was the piece "*Things I Know About You [2019]*", which was performed across the UK including the Roundhouse's spoken word festival "*Last Word*". This residency also included conducting/leading acrobatics & movement workshops at various festivals and events.

Touring Member of the Roundhouse Street Circus Collective (2017-2019)

A member of the Roundhouse's youth street circus troupe, that combined circus (acrobatics/juggling) with street dance to develop engaging and immersive shows. Touring many parts of the UK (including the prestigious V&A Museum) and Holland with the critically acclaimed show "*Throwdown*".

Dishwasher – Thai Square Covent Garden (2013-2015)

Working a night-shift washing dishes in the restaurant basement. Character building.

Nanotechnology & Materials Projects (2013-2014)

The first project, under Prof. Nic Harrison, was a simulative study of point defects in Graphene was conducted using bash scripting and Python2.7 and an intense introduction to computational chemistry. The second project, under Prof. Alexei Kornyshev, was the development and testing of a mathematical Ising model to describe charge storage and dynamics of ionic liquids in quasi-single file, super-capacitive nano-porous electrodes.

Online Roadways Logistics (2007)

A work experience placement as an office junior at a local logistics company, which gave insight into managing online systems and dealing with client accounts. Additionally it was a very early glimpse into the world of juggling an enterprise and a life.

OTHER

Competitive Breaker

Participating in competitions in the UK and across the globe, including Japan, Ukraine, USA, Sweden and many more. Meeting and hosting dancers from all walks of life.

Disk Jockey

Regularly DJing at the Somerset House for the Makerversity annual summer and winter parties. Not exclusive to club nights, also a house-party and bedroom DJ.

ICL Bboy Soc

Founding member of the Imperial College Breakdancing society. Organising performances at the O2 arena, Hackney Festival, Stratford Westfield and the Olympic Park. Additionally updating and managing social media platforms.

Imperial College Design Collective

Working with fellow students within ICDC to explore novel ways of improving the way we interact with our environment. This involved weekly workshops and talks led by design experts or pioneers in the area of engineering and design.

East-London Dance (ELD) and Hoxton Hall Youth Companies

A member of the ELD and Hoxton Hall Youth Dance Company performing in a number of fairs and festivals and working with the acclaimed choreographer Ivan Blackstock.

SKILLS & INTERESTS

Fluent in Yoruba, conversational French, intermediate Spanish & basic Japanese. Proficient in Microsoft Office, a range of quantum chemistry software, Mathematica, MATLAB, Python and Bash. Foundational knowledge in Adobe Illustrator, Photoshop, Premiere Pro. Very serious about swimming. I really like swimming. Self-taught bassist/guitarist and member of a local band. A very local band (we've only performed in our living room).