

THE ENCOUNTER: PYTHON'S ADVENTURES IN AFRICA

Aisha Bello & Daniele Procida

AISHA

Cisco, Django Girls, PyLadies



DANIELE

Divio, Django, conferences



PYTHON IN AFRICA

Where we are now

PyCon Nigeria
coming 2017

PyCon Namibia
since 2015

PyCon Zimbabwe
since 2016

PyCon South Africa
since 2012



Tunisia 4

62 workshops
11 countries

Nigeria 31

Ghana 2

Republic of the Congo 1

Namibia 2

Sudan 4

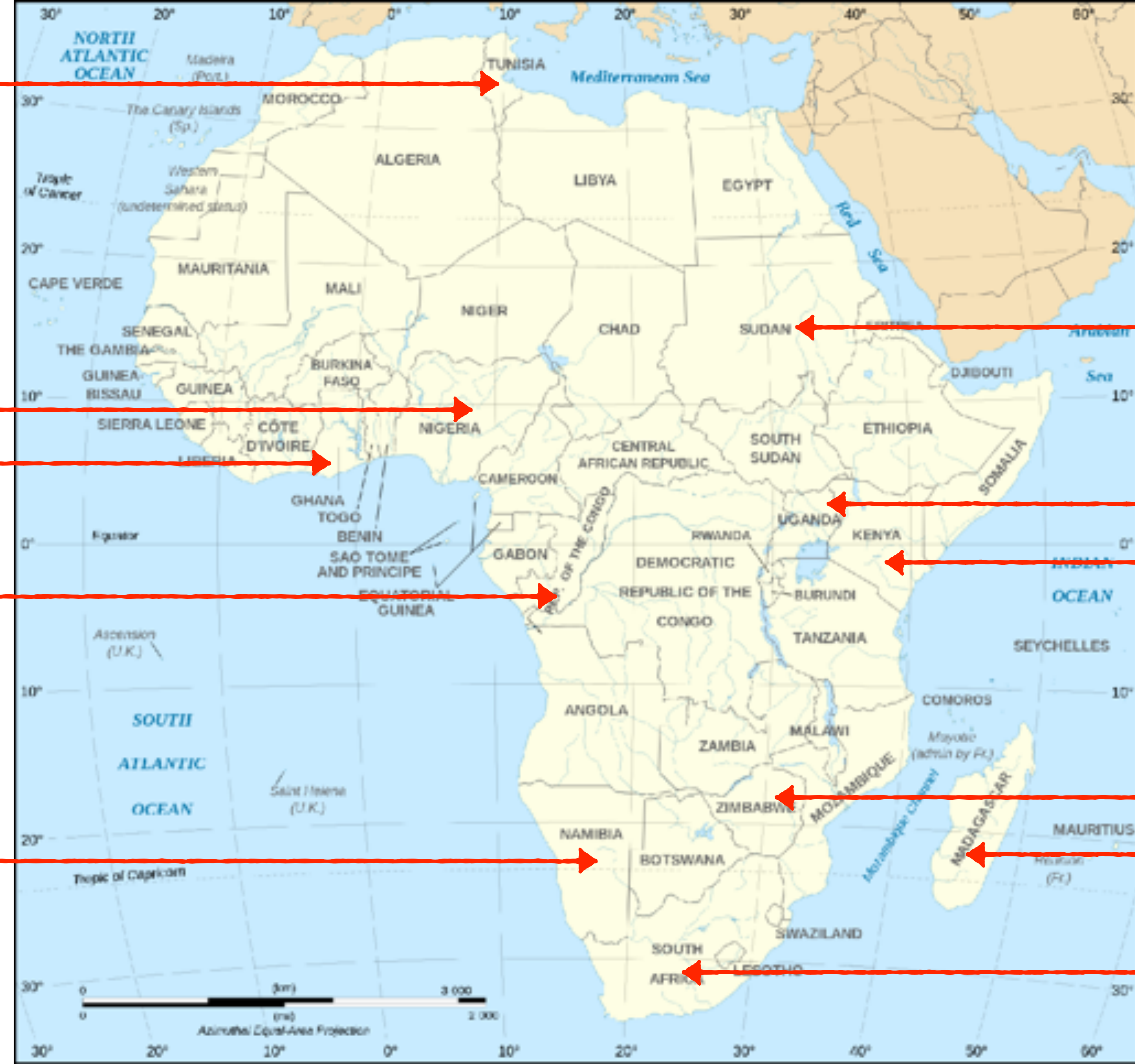
Uganda 6

Kenya 4

Zimbabwe 6

Madagascar 1

South Africa 4



HOW WE GOT HERE

HOW IT ALL STARTED

*School of Medicine,
Cardiff University*

CARDIFF
UNIVERSITY

PRIFYSGOL
CAERDYD

PROFESSOR JUDITH HALL

*School of Medicine,
Cardiff University*



CARDIFF
UNIVERSITY

PRIFYSGOL
CAERDYDD



UNAM
UNIVERSITY OF NAMIBIA

Phoenix Project • Reducing poverty • Promoting health

NAMIBIA

Windhoek





What is Python? What is open-source software? What is a PyCon? Why?

*Professor Judith Hall
Cardiff University Phoenix Project*



APTIVATE



GitHub



THIS HAD BETTER WORK.







DYNAM
SOCIETY





PyCon Namibia 2017

21st-23rd February

Windhoek



ZIMBABWE

Harare





Anna Makarudze



Humphrey Butau

pycon
ZIM





PYCON ZIMBABWE 2017

nexmo



pythonanywhere

GitHub



NIGERIA

Lagos



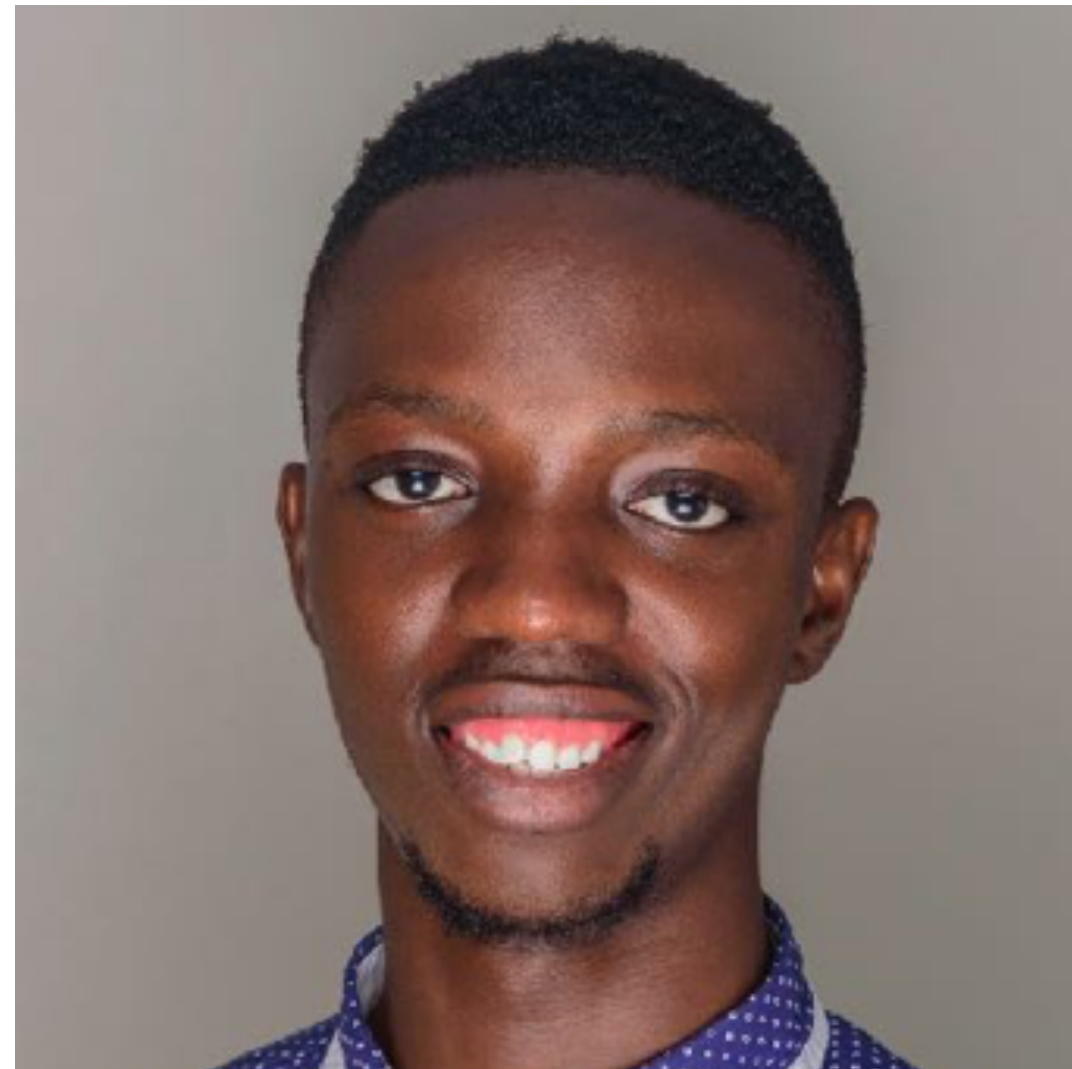
PYCON NIGERIA

Lagos, September 15 & 16 2017

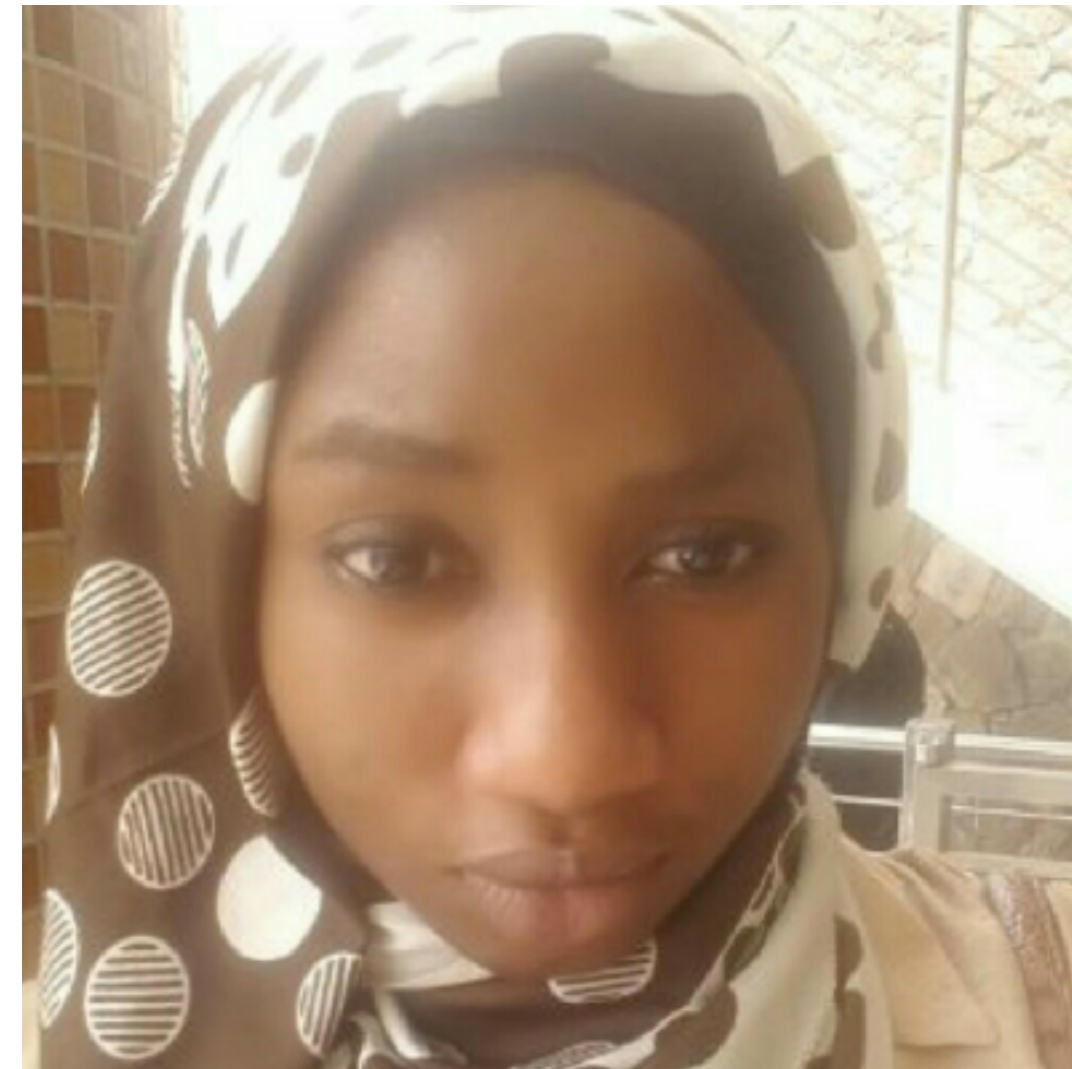
PYCON NIGERIA ORGANISERS



@olahfemi



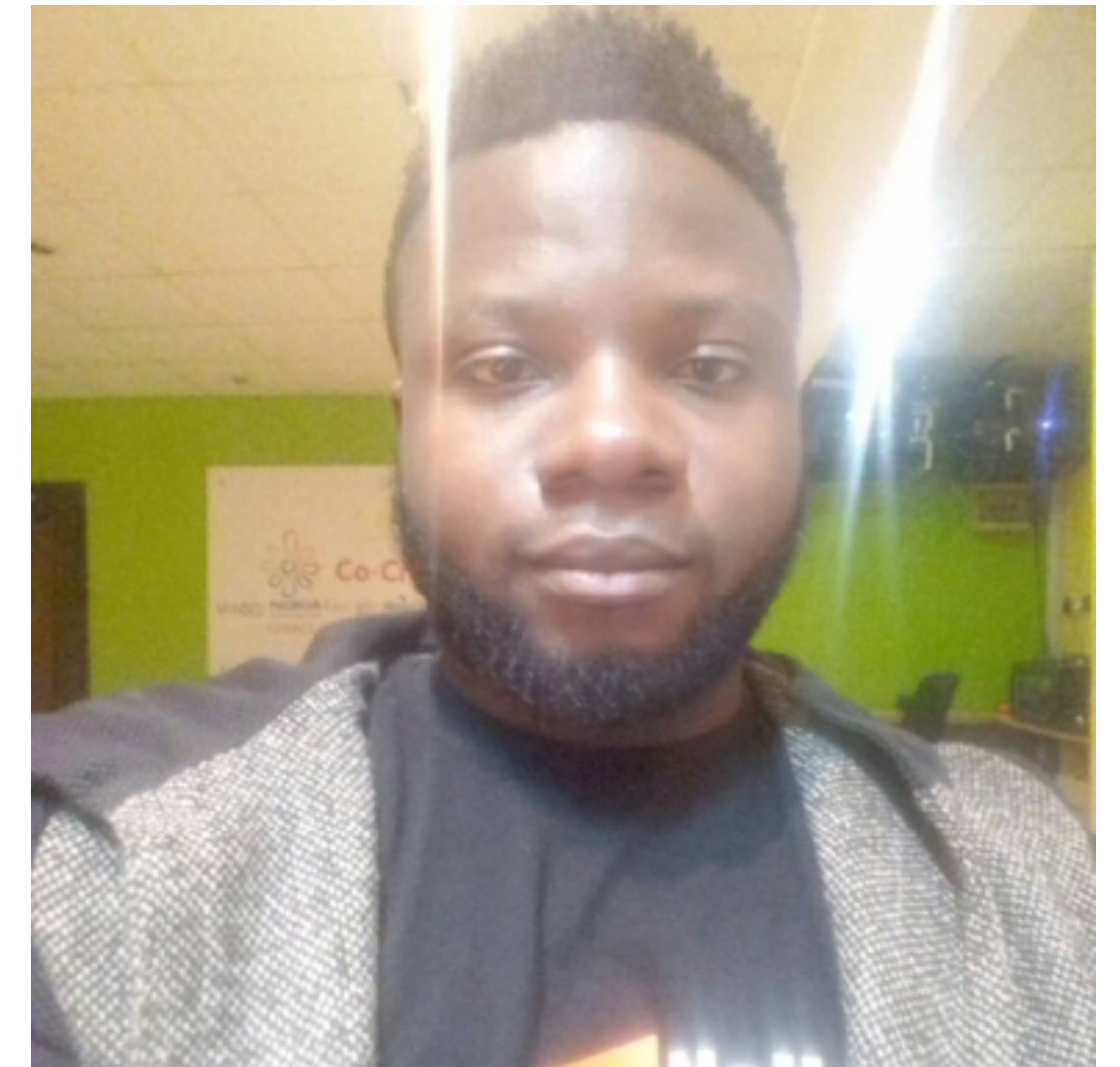
@sprime



@tmdoubleu



@danidee



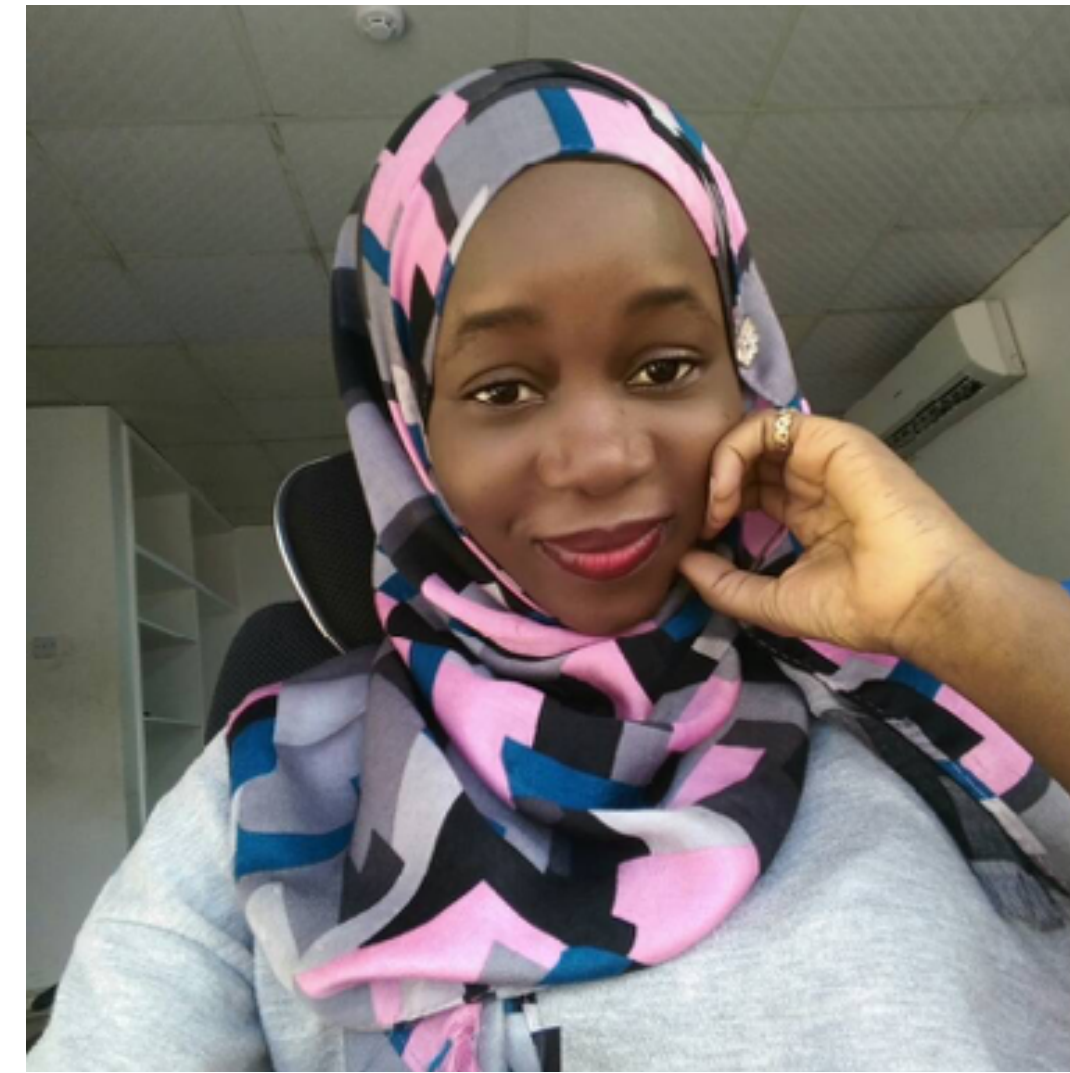
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@tejuafonja



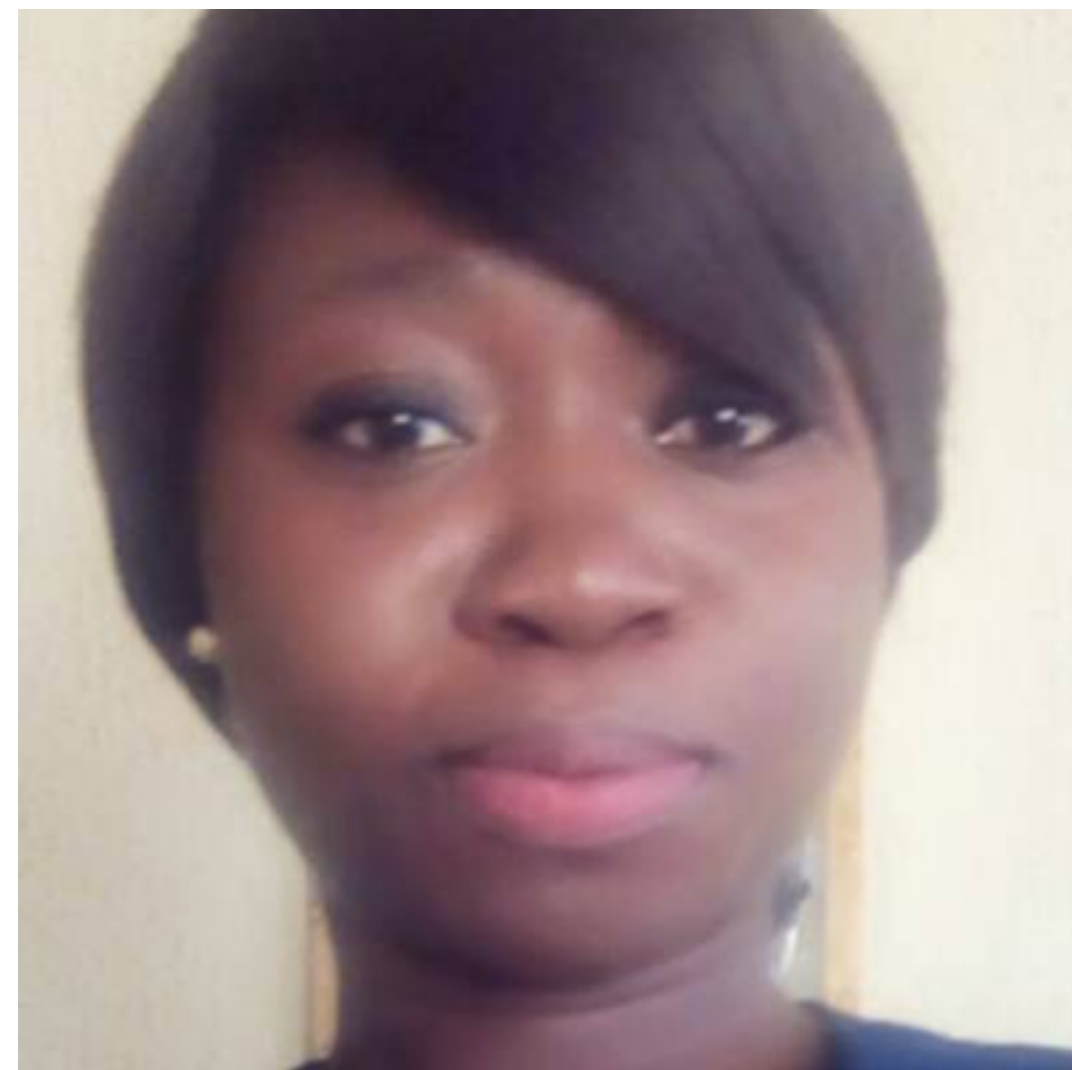
@gbozee



@geekhijabi



@acetkwas



@ayodejiujas



@okekedesmond



@nwomachuks



@osayamenomigie



python

SOFTWARE
FOUNDATION

GitHub



Andela

PYTHON NIGERIA

*~700 Slack members
1000+ PyLadies subscribers
~500 PyData enthusiasts*



PYTHON NIGERIA

The Python Programming Language User Group in Nigeria.

Join us on

SLACK

AND

OUR MAILING LIST

DJANGO GIRLS

919 attendees

31 workshops

28 cities



...AND GHANA

Accra
Kumasi
Koforidua
Ho

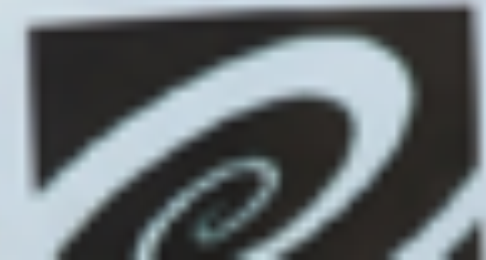


BRING OUR
DAUGHTERS
BACK NOW & ALIVE
BRING OUR GIRLS
BACK NOW & ALIVE

Bring Back Our Girls

Just
#BringBackOurGirls
Alive

Buy no-makeup - Nigeria



DJANGO GIRLS FOR INTERNALLY- DISPLACED PERSONS

Lagos, 2017
Organised by AboCoders



SMART GIRLS PROJECT

*Ajegunle, Lagos, 2017
60 Girls, 12 weeks*





In partnership with Carrington Youth Fellowship Initiative and TechMe

“

I hated computers because I kept failing the subject in school. I couldn't even put it on and off. I was scared each time I saw a computer, always thinking if I touched it, it would spoil.

-Jane Nnadi, 14 (SmartGirls Project, 2017)

“

Now, all my fears are gone. I can now code. I'm also very bold now in the class when it comes to answering questions about computer... I will keep on learning so as to become a great developer.

UNDERSTANDING PYTHON IN AFRICA

AFRICA

It's not a big country

AFRICA

*one-fifth of the world's land area
home to 1.2 billion people
50+ countries
1250-3000 languages
vast ethnic and cultural diversity*



AFRICA IS DIFFERENT

from Africa

TECHNOLOGY IN AFRICA

Are PyCons a frivolous luxury?

AFRICA NEEDS TECHNOLOGY TOO

Infrastructure, healthcare, government, business, telecommunications, all run on software.

AFRICA NEEDS TECHNOLOGY TOO

Buy it.



**CHOICES FOR AFRICAN
ECONOMIES**



Build it.

Maintain it.

Adapt it.

Own it.

AFRICA NEEDS TECHNOLOGY TOO

**OPEN-SOURCE
SOFTWARE HELPS
MAKE THIS A
POSSIBILITY**



*Build it.
Maintain it.
Adapt it.
Own it.*

AFRICA NEEDS TECHNOLOGY TOO

Stuff



WHAT IS TECHNOLOGY?



Skills

HOBBYISM

When free is unaffordable



WORK. NOT FUN.

WELL I WASN'T EXPECTING THAT

Not your usual challenge

BOY BAND DISRUPTS DJANGOCON EUROPE

After we made our plans and our announcements, One Direction announced their own mega-event in Cardiff - right in the middle of DjangoCon Europe.

One Direction are a hugely popular boy band, and they've decided to hold the only two UK dates of their European tour at Cardiff's Millennium Stadium - right in the middle of our conference, on the 5th and 6th of June.

This means that an extra 140'000 people (Cardiff's population is only 340'000 to begin with) will be in town over those two nights.

The result is that the hotels we have been discussing attendee accommodation with have informed us that their rooms are now fully booked.

In fact, nearly no hotel accommodation is now available, either in the city or around it on those dates.

We're left with **no choice but to reschedule the event**. We're close to making a decision on the dates, and will announce it, and re-open registration as soon as we can.

We'll probably find this funny, when we look back on it (perhaps as soon as fifty or sixty years from now) but at the moment we're not enjoying the situation.

Of course anyone who has already registered will be able to have a full refund if the new dates are unsuitable for them.

Many apologies, and thanks for your patience while we work to sort out this unwanted surprise.



Published
8th January 2015

Software

Boybanders ONE DIRECTION launch DoS attack on open-source bods

60

Teen heartthrobs TAKE DOWN Cardiff conference

By Kat Hall 12 Jan 2015 at 07:00

SHARE ▼



Harry Styles and his pals in One Direction have launched a denial of service attack on an open source coding conference in Cardiff, with the band maliciously pinging tens-of-thousands of its teenage fans at the city on the same day as DjangoCon 2015.

Organisers had planned the first UK version of the convention for people who code in Django, which powers websites like Instagram and Pinterest, in Cardiff in June.



PyCon UK

@PyConUK

Follow

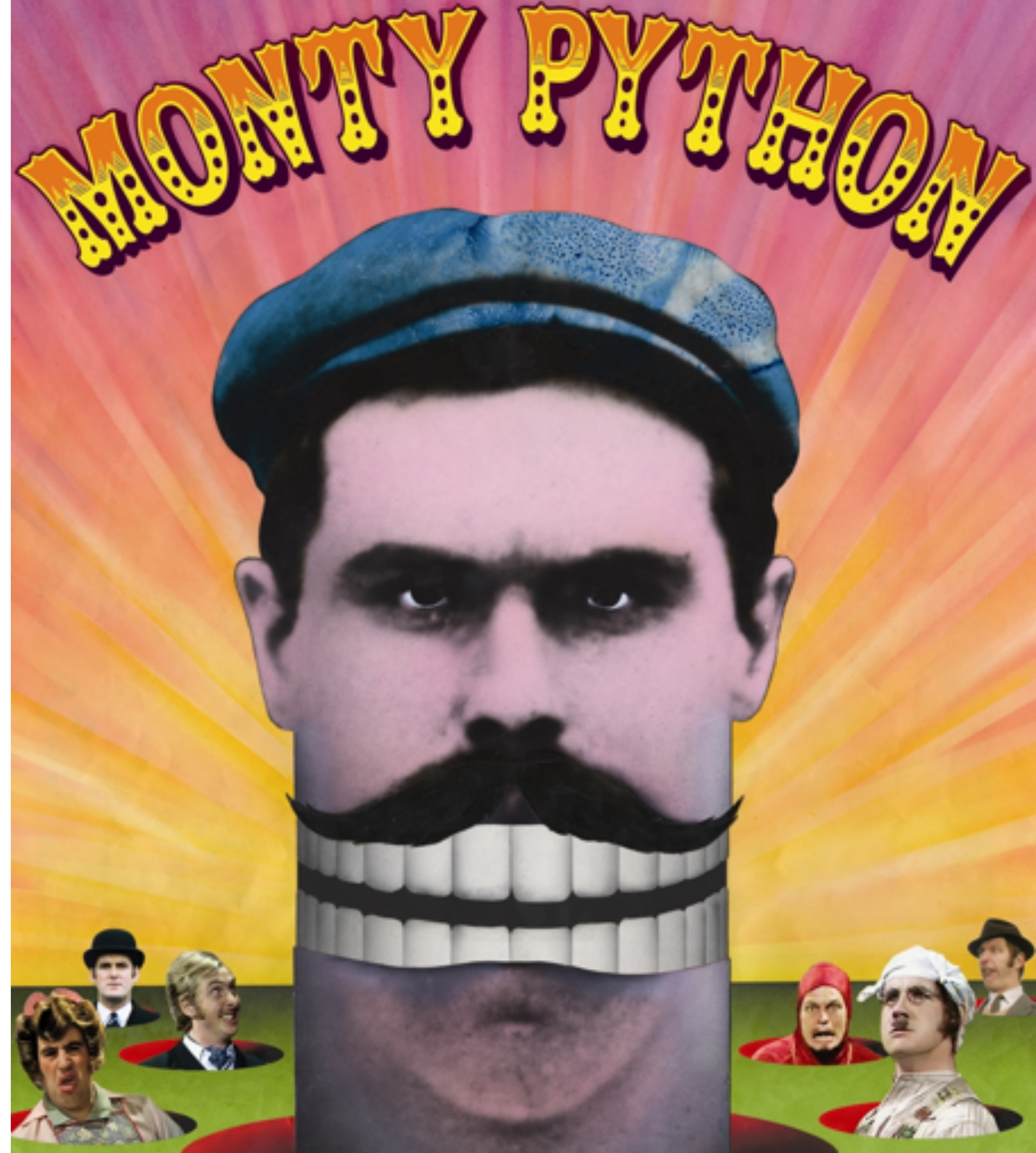


An unexploded bomb has been discovered near the conference building, probably from world war 2

8:42 am - 21 Sep 2015

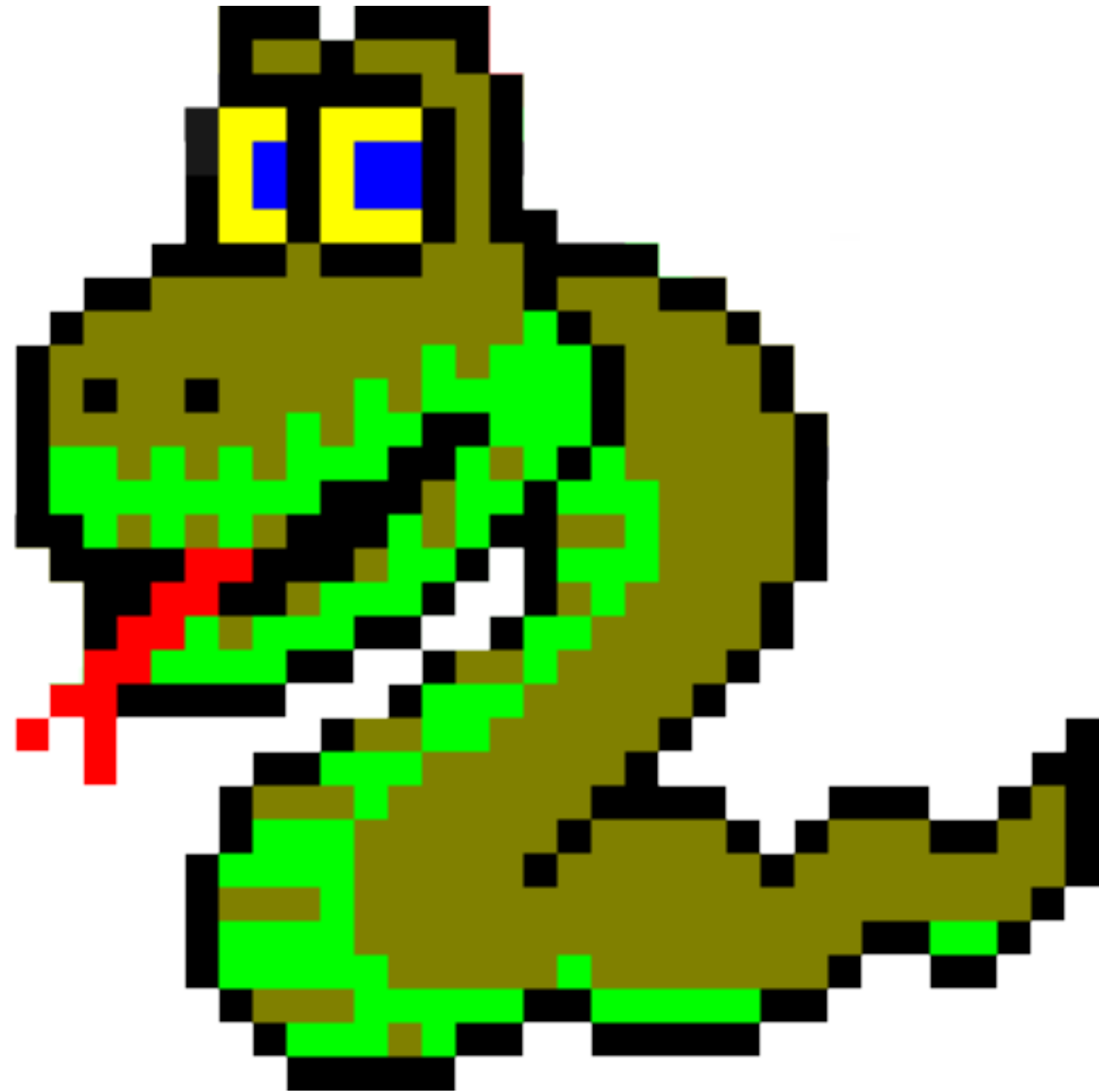
PYTHON IN EUROPE

Funny



PYTHON IN EUROPE

Funny

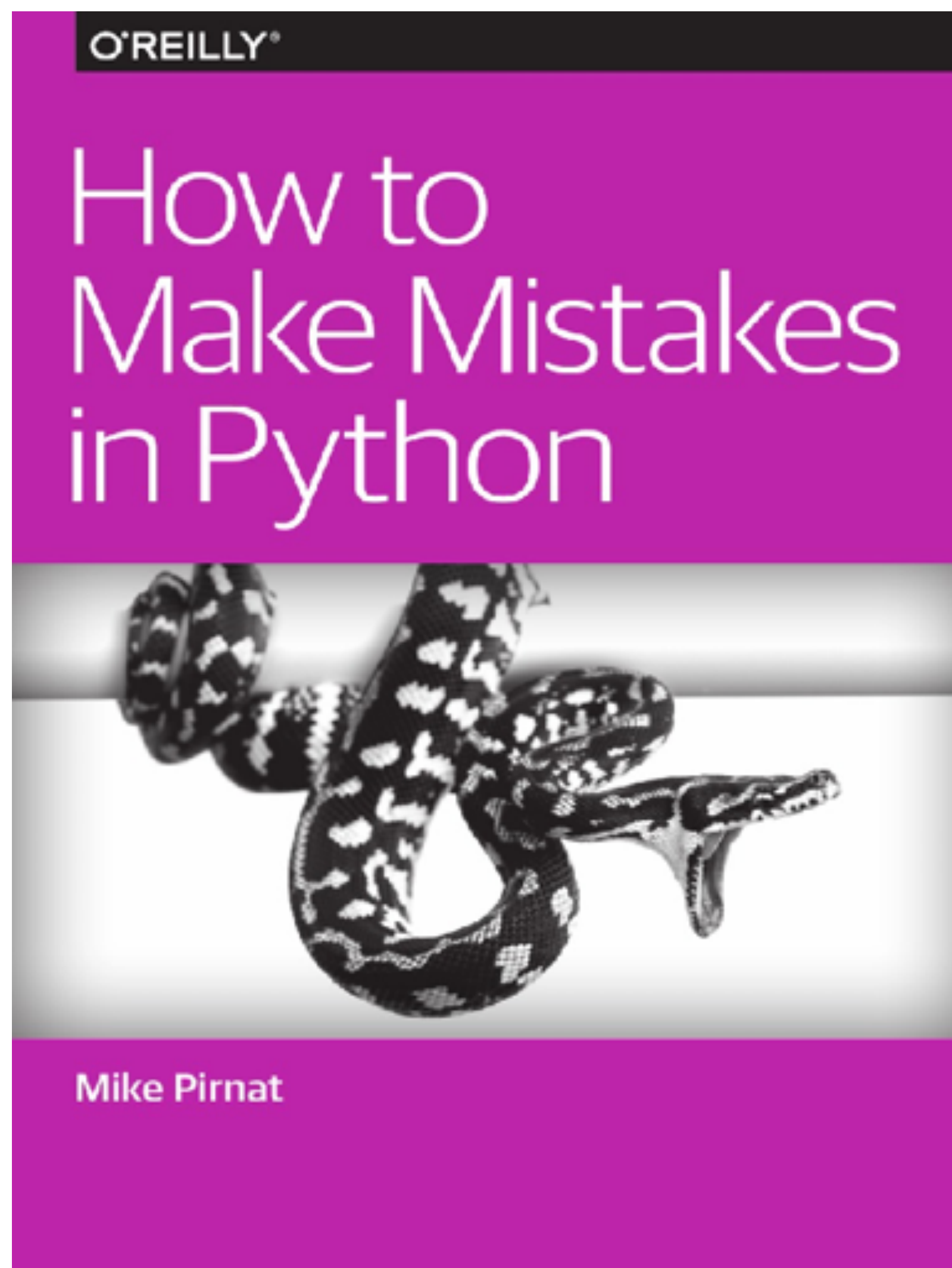


SNAKES IN AFRICA

Actually not funny



BE CAREFUL WITH YOUR SNAKES PLEASE



AFRICAN TIME VS EUROPEAN TIME

THE PERSONAL TOUCH

WE DIDN'T EXPECT THAT (PART 2)

Will the west even recognise African technological brilliance?

BENIN BRONZES

Benin Kingdom



BENIN BRONZES

“a people so primitive and savage”







WILL AFRICANS BUY AFRICAN TECHNOLOGY?

AFRICAN TECHNOLOGICAL SELF-CONFIDENCE



PYTHON IN AFRICA

and Africans in Python

PYTHON IN AFRICA

What's next?

PYTHON IS SPECIAL

It's the community

IT'S NOT ACTUALLY ABOUT PYTHON

Python is the way in for open-source software and new skills

DOES PYTHON IN AFRICA NEED YOUR HELP?

Or does it need your participation and engagement?

JOIN US

Come to an African PyCon



PyCon Nigeria 2017

Lagos, 15 & 16 September

pycon.ng

PyCon Zimbabwe 2017

Harare, 23-26 August

zw.pycon.org

PyCon Namibia 2018

Windhoek, February

na.pycon.org

PyCon South Africa 2017

Cape Town, 3-8 October

za.pycon.org



MAKE NEW FRIENDS

And keep them



SOCIAL MEDIA

▶ TWITTER @PyConNA



**IMAGINE
A FUTURE
WIDE OPEN**
*with
possibilities*



DON'T JUST BE A TOURIST

Be a Pythonista



CHANGE THE WORLD

Take part in the future





AFRICA

The future





THANK YOU

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@EvilDMP

tinyurl.com/pythonafrica

Python in Africa resources and links