



# Fashanu Aryton Dune Moyo

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riding

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<https://github.com/mynameisfashanu>

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## WORK EXPERIENCE

### Bleep Interactive

August 2014 — September 2015

Software Developer

I was the lead developer and founder of Bleep Interactive, a software development company based in South Africa. Primary tasks involved designing and developing MVPs(minimal viable products) for customers, using Python, MySQL, and the Django web framework.

### App Your Event

September 2015 — Present

Software Developer Intern

Full stack developer utilizing Python and Django, as well as the Ionic framework. Tasks involved developing and designing cross platform mobile applications using Ionic and Angular.js, real time application development with Firebase and web application development with python and django (REST API design, Database design, UI/UX).

## EDUCATION

### Bsc Computer Science and Applied Mathematics

June 2015 — Present

University of South Africa (Unisa)

I study computer science, with a minor in applied maths. Current course work includes

- Computer architecture
- Linear algebra
- Discrete maths 2
- Algorithm design and analysis
- Software engineering

## SKILLS

I have a diverse range of skills and a high aptitude for learning new technologies and solving complex problems. I love to be agile and flexible, my main strengths are with Python/Django and the MEAN stack. I have a solid understanding of the following technologies and methodologies.

- HTML / CSS / JavaScript / JQuery / AngularJS / Bootstrap
- JSON / XML
- Java / Python / PHP.
- Django web framework
- Azure web services.
- GIT / Github / Visual studio team services
- Agile methodologies / Test driven development.
- Network protocols(HTTP/TCP/IP) / REST.
- Data structures and algorithms / Design Patterns.
- MySQL / PostgreSQL / Redis.

## PROJECTS

I enjoy contributing to and developing open source projects, the following are a list of projects that can be found on my Github account.

- Lisa - A simple functional programming language i developed, in order to familiarize myself with lisp, basic compiler design and functional programming, This was done in C
- Earth Quake visualizer - A graphical tool to visualize earthquake data from an RSS feed on the internet and visualize it on a map, this was written in Java.
- Exploit exercises - A series of reverse engineering and security related competitions to familiarise myself with security issues on the linux platform, e.g race conditions, binary exploitation and file system vulnerabilities. this was done in C/C++/x86 assembly

## AWARDS AND ACHIEVEMENTS

World Finalists F1 in schools.

- I was part of a Team(Flatline) that represented South Africa in the international F1 in schools engineering competition in 2012 in Abu Dhabi.
- The goal was to build a model F1 vehicle, utilizing knowledge of fundamental physics and engineering principles, e.g newtons laws, aerodynamics and fluid dynamics.
- I was the Research manager and technology lead, where my goal was to understand the effects of physics on the vehicle and use that knowledge to optimize our design as well as develop our website.

Press.

- <http://www.4ways.co.za/extramural/f1schools/>
- <http://f1-in-schools-torque.invisionzone.com/index.php?/gallery/image/77-flatline-south-africa>

Mac Millian IT award for creativity.

- I was Awarded the Mac Millian IT award for creativity during my high school valediction, This is given to the student with the most innovative final year project. I built a recommendation system and search engine.

## REFERENCES

App Your Event.

- Name - Mike Lysko
- Email - [mike@appyourevent.co](mailto:mike@appyourevent.co)
- Position - CEO / Founder.