

Aaron Sing Wo Pang

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Education

Yale-NUS College

B. Sc. (Hons) Mathematical, Statistical and Computational Sciences

- CAP 4.11/5.0
- Runner up for J.P. Morgan University Coding Challenge.

Singapore

2014-2018 (Expected)

Yale University

Semester Abroad

- Racer on Bulldog Cycling Team

New Haven, CT

Spring 2017

West Island School

International Baccalaureate

- Scored 43/45 with higher levels in Math, Physics, Chemistry and Economics
- British Math Olympiad Gold, Senior Year Chemistry Award

Hong Kong

2009 - 2014

Experience

Language, Information and Learning at Yale (Professor Dragomir R. Radev)

Researcher

- Project leader on All About NLP (AAN) website, which uses citation classification to summarize a given research paper.
- Assisted Google researchers in implementing Neural Networks to quantify humour in *The New Yorker* cartoons.

New Haven, CT

Jan 2017 - Present

Landslides in Nepal (Rector Brian McAdoo)

Researcher

- Led 4 students to quantify the impacts of development and climate change on Nepalese roads through ArcGIS and R.
- Presented preliminary results to local Nepalese officials and published an op-ed in *The Kathmandu Times* on eco-safe roads.

Pokhara, Nepal and Singapore

Aug 2016 - Jan 2017

Qhubeka Foundation (Non-Profit that empowers children through bicycles)

Intern

- Identified and solicited over 400 bicycle clubs and shops for the Qhubeka 5000 fundraising event, resulting in more than \$1 million in donations for 5000 bicycles.
- Conceived and directed a special event for Deloitte and Dimension Data executives to visit local primary schools alongside local media outlets.

Johannesburg, South Africa

Summer 2016

Skills

Programming: Python, TensorFlow, Theano, C, R, Java, OCaml, ARM Assembly.

Data Analysis: RStudio, ArcGIS.

Web: HTML, CSS, Wordpress, Bootstrap, SQL, Python Flask, Django, Ruby On Rails, Node.js, PHP.

Languages: English (native), French (written - intermediate), Chinese (written - basic).

Extracurriculars

Yale-NUS College Cycling

Treasurer

- Managed a budget of S\$ 5,000 to purchase team equipment and handled logistics for team races/trips.
- Organize weekly group rides and introductory cycling workshops.

Singapore

Nov 2015 - Present

Elm College Council

Elected Member

- Managed a budget of S\$ 8,000 to facilitate community bonding for 500 students.
- Oversaw residential college events such as by inviting guest speakers and hosting study breaks.

Singapore

Mar 2015 - Dec 2016

Fox & Hedgehog

Staff Writer

- Published a variety of articles focused on Asian Geo-Politics.
- Interviewed academics and politicians on topics such as climate change, democratic reform and childhood education.

Singapore

Jan 2015 - Dec 2015