

Natalie LUNG

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EDUCATION

Bachelor of Journalism | September 2014 – June 2018 | The University of Hong Kong (HKU)

- Double majors in Journalism and Computer Science
- Relevant coursework: Principles of Journalism, News Reporting and Writing, Statistics for Journalists, Economics for Journalists, TV News Production, Online Journalism, Multimedia Magazine Design; Programming Technologies and Tools, Data Structures and Algorithms, Computer Organization, Principles of Operating Systems, Principles of Programming Languages, Java and OOP

Exchange student | January 2017 – May 2017 | University of Missouri

- Relevant coursework: Advanced Data Journalism, Investigative reporting, Computer Graphics, Introduction to the Internet, WWW, and Multimedia Systems

PROFESSIONAL EXPERIENCE

Research Assistant | MIT Media Lab | June 2017 – present

- Implement Chinese language support on Media Cloud, a text aggregator tool that analyzes media ecosystems, under the Center for Civic Media
- Conduct research on Chinese, Hong Kong, and Taiwan media coverage

Research Assistant | Department of Computer Science, HKU | July 2016 – November 2016

- Propose new teaching and learning model for soft skills training in computing education, and;
- Research and propose new common core computing course with Dr. C.K. Chui

Visual Communication Intern | Droste | July 2016 – August 2016

- Built a public service tool with data visualization elements (Plotly.js)
- Improve Exploratory Data Analysis workshop curriculum for business clients (Jupyter notebook, Pandas)

Chief Editor | TechHKU, The HKU Journal of Technology | September 2014 – present

- Write & edit stories on topics such as HKU Startup Scene, robotics, WiFi and NFC technologies
- Recruit and manages contributors; 30 undergraduate and graduate members since 2013 launch; manage social media accounts such as Facebook and Twitter
- Organise tech-related events such as Startup Weekend HKU, a 54-hour startup hackathon and Girls4Tech 2016, a one-day workshop for secondary school girls to bridge the gender gap in STEM

Program Lead | codeXpress Myanmar (Pilot Program) | September 2015 – September 2016

- Devised and taught a 3-week introductory Computer Science course for high school and college students of Su Educational Institute, Yangon (Curriculum: Scratch, web development, and Arduino robots)

Graphics Desk Intern | South China Morning Post | June 2015 – July 2015

- Used regex, Bash, and d3.js library for data journalism, interactive graphic and multimedia projects for SCMP.com, supervised by interactive journalist Cedric Sam (Election reform graphic; crime dataset)
- Conducted research and planning for the print edition's back page graphics (HK banyan trees)

AWARDS

2016 — Google Women Techmakers APAC Scholar (formerly Google Anita Borg Memorial Scholarship)

2016 — Grand Prize (1st place) in Television Broadcasts Ltd. (TVB) Inter-Collegiate Documentary Competition

TECHNICAL SKILLS

C++, HTML5 & CSS3, JavaScript, regex, Bash shell, PHP, SQL, Git, OpenRefine, Excel, WebScrapers.io; Python, Pandas, Plotly.js; Photoshop, Illustrator, Premiere, InDesign, WordPress, MS Office

LANGUAGES

English: fluent spoken and written, (IELTS score band 8/9)

Chinese Cantonese: Native fluency; Mandarin: Intermediate