

Natalie LUNG

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EDUCATION

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

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

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

- Coursework: Data Journalism, Investigative Reporting, Computer Graphics, Web Development

PROFESSIONAL EXPERIENCE

Visiting Student | MIT Media Lab (Civic Media group) | June 2017 – August 2017

- Implemented Chinese natural language support on Media Cloud, a text aggregator tool that monitors and analyzes media coverage and the relationships between influential news sources and stories (Python)
- 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 web-based public service tool with data visualization for tenants to negotiate lower rent (Plotly.js)
- Create 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 manage 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 with 90+ middle 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 to produce data journalism, interactive graphics and multimedia projects for SCMP.com (Election reform graphic; MTR subway crime dataset)
- Conducted research and planning for the print edition's back page graphics (Hong Kong banyan trees)

AWARDS

2017 — South China Morning Post Wah Kiu Yat Po Journalism Scholarship

2017 — Hong Kong Chiu Chow Chamber of Commerce Rayson Huang Memorial Student Enrichment Scholarship

2016 — Google Anita Borg Scholar (one of 50 recipients in the Asia-Pacific region)

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

TECHNICAL SKILLS

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

LANGUAGES

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

Chinese Cantonese: Native fluency; Mandarin: Intermediate