

# Fuk Yu LUNG (Natalie)

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## EDUCATION

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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

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Student 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 | TechKU, 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 | September 2015 – September 2016

- Devised and taught a 3-week introductory Computer Science course for pupils of Su Educational Institute in Yangon as a pilot program (Curriculum: Scratch, web development, and robotics)

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 data journalist Cedric Sam)
- Conducted research and planning for the print edition's back page graphics

Tutor | Koding Kingdom | December 2014 – May 2015

- Taught coding to students age 6-15; courses: Alice3, Microsoft TouchDevelop, App Inventor 2, Scratch

## AWARDS

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2017 — Society for News Design 39<sup>th</sup> Annual Workshop Travel Grant

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

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

## TECHNICAL SKILLS

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C++, HTML & CSS, JavaScript, regex, Bash shell, SQL, Git, OpenRefine, Excel, WebScaper.io; Basic Pandas, Plotly.js, Python; Basic Photoshop, Illustrator, Premiere, InDesign, WordPress

## LANGUAGES

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

Cantonese: Native fluency; Putonghua: Intermediate