

Koh Terai

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Education

2013 - 2017 | **Computer Science, New York University Abu Dhabi**
2000 - 2013 | **St. Mary's International School, Tokyo, Japan**

Work Experience

2013 - Present | **NYU Computer Science Research Intern**
-Researching Huffman coding implementations on large text corpuses ~20GB
-Developing n-gram algorithms in python to create efficient Huffman trees
-Created MongoDB Schema for Huffman tree storage

May 2014 - Present | **Yalla - Startup**
Product Design/Front End Developer
-Designed multiple wireframes via inDesign
-Styled entire front end in stylus
-Encouraged usage of vector graphics including SVG animations & icons
-Yalla is platform for sharing events to focused communities. It had a 70% population to the community at NYU Abu Dhabi

2014 | **NYU Vote**
Product Design/Front End Developer
-Lead a complete redesign of the voting system implemented at NYU
-Target audience NYU New York (19,000), NYU Shanghai (300), NYU Abu Dhabi (700)
-Attention to simple and robust design that causes no confusion to voters
-Responsive design

2013 - 2014 | **NYU Student Voice (Beta)**
Product Design/Front End Developer
-Designed a feedback system for the student government at NYU Abu Dhabi

2009 - Present | **Freelance Photography & Cinematography**
-*Notable Published Works:* Stars and Stripes, Tokyo Weekender, Hal Leonard Publication
-Siemens Healthcare Japan K.K., Corporate Portraiture
-Experience as Director of Photography with cameras from DSLRs to 4K cinema

Skills

Coding | C, C++, Python, Ruby, CSS, HTML, MongoDB
Software | Photoshop, InDesign, Illustrator, Keynote, Pages, Final Cut Suite
Languages | Proficient in Japanese, and English
Coursework | Computer System Organisations, Intro to CS, Data Structures, Algorithms, Discrete Mathematics, Foundations of Computer Graphics