Koh Terai

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Education

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

Work Experience

NYU Computer Science Research Intern
2013 - Present
  -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

Yalla - Startup
Product Design/Front End Developer
  -Designed multiple wireframes via inDesign
  -Recoded front-end using Stylus
  -Encouraged the usage of vector graphics including SVG animations and vector Icons
  -Yalla is platform for sharing events to focused communities. It had a 70% population to the
   community at NYU Abu Dhabi

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 that can be used from iPhone to large computer monitors

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

Freelance Photography & Cinematography (www.kohterai.com)
2009 - Present
  -*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