

YOKO KANAI

BA – NEUROSCIENCE AND COMPUTER SCIENCE | VANDERBILT UNIVERSITY '17

786 WILDWOOD LANE, PALO ALTO, CA 94303 | YOKO.M.KANAI@VANDERBILT.EDU | (650) 387-1129

2 SECOND BIO: Programmer, brain geek, classical musician, activist. Loves educational advocacy, Parks & Rec, rap, coffee.

RELEVANT SKILLS

- Expertise in Java, C++, OOP, software design, MATLAB
- Familiarity with Android, Processing, JavaScript, Python
- Taking classes in programming languages, OS, database management in Spring 2016
- Knowledge of discrete mathematics, algorithms, digital logic, hardware organization
- Strong leadership, collaboration, and communication
- Efficient, eager workmanship and trainability
- Strong experience and education in biological and social sciences, writing, and social media

EDUCATION

VANDERBILT UNIVERSITY

NASHVILLE, TN

BACHELOR OF ARTS '17, NEUROSCIENCE AND COMPUTER SCIENCE

GPA: 3.59 | Dean's List (4 semesters)

PALO ALTO SENIOR HIGH SCHOOL

PALO ALTO, CA

HIGH SCHOOL DIPLOMA '13

GPA: 3.75 | Weighted GPA: 4.00

ORGANIZATIONS & LEADERSHIP

Girls Who Code

she++ Ambassador '15-'16

Vanderbilt Student Government – Sexual Assault Prevention Task Force

Vanderbilt Hustler – Opinion Columnist

Vanderbilt Student Volunteers for Science (VSVS) – Team Leader

Students for Bernie Sanders – Events, Voter Registration Committees

Blair Symphonic Choir

Vandy Democrats

Hidden Dorez – Arts Committee

Fraiche Yogurt – Shift Lead

REFERENCES

JOCELYN SY, POST-DOC RESEARCHER

VANDERBILT VISION RESEARCH CENTER

JOCELYN.L.SY@VANDERBILT.EDU

ESTHER FENSEL, PROGRAM MANAGER

GIRLS WHO CODE

ESTHER.FENSEL@GMAIL.COM

MANDEEP DHILLON, CEO

ELIZABETH DOUGLAS, PRESIDENT & COO

WIKIHOW, INC.

ELIZABETH@WIKIHOW.COM | (650) 492-8008

EXPERIENCE

UNDERGRADUATE RESEARCH ASSISTANT VANDERBILT VISION RESEARCH CENTER

AUG 2015 – MAY 2016

RA for Prof. Randolph Blake.

Exploring visual perception and cognitive instability in binocular rivalry.

Experimental design, implementation, and quantitative analysis of data using MATLAB.

SUMMER IMMERSION PROGRAM TEACHING ASSISTANT | CLUB INSTRUCTOR AND ORGANIZER GIRLS WHO CODE

JUN – AUG 2015 / AUG 2015 – MAY 2016

Teaching assistant for the Girls Who Code Level 2 summer program at Microsoft Mountain View (all girls had previously taken AP CS).

Taught basics in web development, robotics, physical computing, video games, algorithms, and mobile development.

Started a local Girls Who Code club in Nashville, organizing and teaching a weekly computer science course for local middle school girls.

Overseeing logistics, recruitment, instruction, and classroom management.

GROWTH HACKING AND COMMUNITY MANAGEMENT INTERN

1STUDENTBODY, INC.

JUN – AUG 2014

Summer intern for 1StudentBody, a start-up in Palo Alto that creates various iOS apps for high schoolers.

Community management, social media campaigns, email, gathering UX data, and growth hacking.

EDITING INTERN WIKIHOW, INC.

JAN 2013 – MAY 2014

Wrote, edited, and illustrated how-to guides, and administrative tasks. Part-time during the school year and full-time over the summer.

137 new articles and 2735 edits by May 2014.

OTHER TALENTS AND PASSIONS

Well-rounded musical knowledge (violin, choral, orchestral)

Fluency in Japanese (spoken and written)

Enthusiastic, outgoing personality
Experience working with school-aged children

Teaching and communicating code and science

Public speaking

Volunteer work/activism

Women's health

Educational reform

Gender and ethnic diversity in STEM

Poverty alleviation

Youth advocacy

Environmental protection

Arts outreach

