HARRY LIU

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TECHNOLOGIES

Software languages: Java, Swift, Objective-C, Python, C, Scheme, Git
Web development: HTML, CSS, JavaScript, JQuery
Graphic design: Photoshop, InDesign, Illustrator

PROJECTS

5/3/1 *iOS App - Swift, Objective-C, Git*
- Created an app focused on recording progress for Wendler's 5/3/1 workout routine
- Implemented features including history, graphs, cloud storage, plate math, and workout customization

Choral *iOS App - Swift, Objective-C, Git*
- Created an app to significantly reduce stuttering by acting as pseudo hearing aid
- Developed a voice play back system with slight distortion and latency which mimics the choral effect
- Implemented background execution so as to provide all day functionality

harryliu.me *Website - HTML, CSS, JavaScript, JQuery*
- Focused on responsive design and minimalistic UI
- Utilized mobile first thinking principles to create a fast mobile experience

WORK EXPERIENCE

Volunteer Computer Builder, FreeGeek Vancouver   2012-2014
Vancouver, BC
- Sorted and tested computer parts; debugged Ubuntu and other software installations
- Disassembled and reassembled machines using donated components

ACTIVITIES

Graphic Designer and Grads Editor, Burnaby North Yearbook Team   2014-2015
- Won Most Outstanding High School Yearbook from the American Scholastic Press Association
- Designed layout spreads using InDesign, Photoshop, and Illustrator

Lead Graphic Designer, Viking View   2012-2014
- Led all graphic design and layout work for the student newspaper

EDUCATION

Bachelor of Computer Science, Honours   2015-2020
University of Waterloo, Waterloo, ON
- Selected courses: Designing Functional Programs (Advanced), Elementary Algorithm Design and Data (Advanced)

British Columbia Secondary School Diploma   2010-2015
Burnaby North Secondary School, Burnaby, BC

AWARDS

National AP Scholar	2013-2015
Provincial 5th on Canadian Association of Physicists Exam	2014
Duke of Edinburgh Silver Award	2014
BC Powerlifting Association Record Holder	2014