

ELLEN LUO

contact

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work experience

OFIP Tutor

Thames Valley District School Board

November 2014 - May 2015

Tutored underprivileged students at Aberdeen Public School with a focus on mathematics, technology and development of healthy learning habits.

skills

Android

Android Studio, SQLite, XML, Java

Web

HTML, CSS, JavaScript, JQuery

Development

Python, Java

Electrical

CadSoft EAGLE PCB Design

Adobe

Photoshop, Animator, ActionScript

Languages

English, French, Mandarin

awards

- 2016 Mary Louise Wyatt Award
- 2016 ECOO Team Programming Contest Provincial Finalist
- 2016 Canadian Senior Mathematics Competition National Honor Roll
- 2015 Alfred Raymond Trust Award (2013-2015)
- 2015 WOSSAA Varsity Soccer Champions
- 2013 Royal Conservatory of Music Level 10 Piano (First Class Honors)

education

University of California, Berkeley

Electrical Engineering and Computer Science, BSc

Expected Graduation: May 2020

Relevant Coursework: The Structure and Interpretation of Computer Programs, General Chemistry, Calculus

London Central Secondary School

Ontario Secondary School Diploma | Class of 2016 | 4.0 GPA

projects

Minimalist

github.com/ellenluo/minimaList

Android to-do application built using Java, XML and SQLite using Android Studio. Allows users to create and organize tasks with lists/labels, due dates and details and stay on top of schedule with customizable reminders and widgets. Features a side navigation drawer, SQLite database and elegant material design.

Screen Off

github.com/Tyler-Zhang/ScreenOff

Android and web application designed to accurately track phone usage and screen on time, with the option to share results with a group of users. Built using mongoDB, Node.js, Java, XML, SQLite, JavaScript and Bootstrap with a team of four at MasseyHacks II. Features JSON parsing, background services and network syncing.

activities + leadership

Pioneers in Engineering

September 2016 - Present

Collaborating with over 100 staff to host robotics competitions for local underserved high school students. Currently working on PCB design for smart sensors and serving as a Pioneers in Engineering representative for Supernode, a student-run hackerspace dedicated to providing accessible high-tech equipment to the UC Berkeley community.

Institute of Electrical and Electronics Engineers

September 2016 - Present

Member of UC Berkeley IEEE student branch, which promotes professional awareness, encourages academic growth and organizes networking opportunities within the EECS community.

Computer Science Undergraduate Association

September 2016 - Present

Member of Berkeley CSUA, which aims to support undergraduate CS students as well as provide networking and professional development opportunities.

Nor'West Optimist Soccer Club | Captain

May 2006 - August 2016

Led competitive regional soccer team. Supported teammates and assisted coaching staff.