ELLEN LUO

CONTACT

- ✉ ellen.luo@berkeley.edu
- ☎ 510-816-1523
- in linkedin.com/in/ellenluo
- ⊕ github.com/ellenluo
- ⌖ 2601 Warring St. | Berkeley, CA

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

PROGRAMMING | 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 Grade 10 Piano (First Class Honors)

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
Electrical Engineering and Computer Science, BSc | Class of 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. Features a side navigation drawer, lists/labels, customizable reminders, a SQLite database, customizable widget, and elegant material design.

SCREEN OFF
github.com/Tyler-Zhang/ScreenOff
Android and web application built using mongoDB, Node.js, Java, XML, SQLite, JavaScript and Bootstrap with a team of four at MasseyHacks II. Allows groups of users to track phone usage and screen on time and share results with others. Features JSON parsing, background services and network syncing.

ACTIVITIES/LEADERSHIP

Pioneers in Engineering
September 2016 - Present
Collaborating with over 100 staff to host a robotics competition for local underserved high school students. Currently working on PCB design for smart sensors.

Canadian Student Association
September 2016 - Present
Member of social committee in charge of planning professional and social events for networking.

Institute of Electrical and Electronics Engineers | Member
September 2016 - Present

Computer Science Undergraduate Association | Member
September 2016 - Present

London Central Music Program | Concertmaster
September 2013 - June 2016
Lead clarinetist in LCSS senior band, winds ensemble and symphonic orchestra. Performed at various music competitions and concerts.

Nor'West Optimist Soccer Club | Captain
May 2006 - August 2016
Led competitive regional soccer team. Supported teammates and assisted coaching staff.