ELLEN LUO

contact

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skills

- ◆ Java
- ◆ Python
- ◆ Android
- ◆ SQL
- ◆ HTML/CSS
- ◆ JavaScript/JQuery
- ◆ Unity Game Engine

awards

Mary Louise Wyatt Award
OCTOBER 2016
Second highest final average in graduating class.

ECOO Programming Contest
APRIL 2016
Ranked provincially 26/500.

Canadian Senior Mathematics Competition Honor Roll
JANUARY 2016
Approximate national rank of 100/7587.

Certificate of Distinction
JAN 2013 - JUNE 2016
Received for excellence in Euclid, CSMC, Fermat, CIMC, Galois, Cayley and Pascal mathematics contests.

Subject Awards
NOVEMBER 2014-2016
Grade 12 Physics and Computer Science; Grade 11 Functions, Chemistry, Computer Science and Physics; Grade 10 English, French, Industrial Design and Music.

Alfred Raymond Trust Award
NOVEMBER 2013-2015
Top three in grade based on overall final average.

education

University of California, Berkeley
Electrical Engineering and Computer Science, BSc | Class of 2020
GPA: 4.0/4.0

London Central Secondary School
Ontario Secondary School Diploma | Class of 2016

work experience

Cognitio   DEC 2016 - PRESENT
Chief Technical Officer
Lead technical pursuits of Cognitio, a recent start-up offering academic resources and guidance for high school students in Ontario. Currently working on switching to a user-generated system with WordPress, PHP, HTML and CSS.

Thames Valley District School Board   NOV 2014 - MAY 2015
OFIP Tutor
Tutored underprivileged students at Aberdeen Public School with a focus on mathematics, language and science. Helped students overcome learning barriers and develop transferable learning skills.

projects

DreamPainter
github.com/lawrencecheng123/DreamPainter-VR | devpost.com/software/dreampainter
Built Gear VR application that allows users to view immersive photospheres and painted images generated using Fast Style Transfer. Developed with Unity, Python and C# with a team of five at CalHacks 3.0.

MinimaList
github.com/ellenluo/minimaList
Developed Android to-do application with Java, XML and SQLite using Android Studio. Allows users to 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.

activities

Pioneers in Engineering   SEP 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 club representative for Supernode, a student-run hackerspace.

Institute of Electrical and Electronics Engineers   SEP 2016 - PRESENT
Helping to promote professional awareness, encourage academic growth and organize networking opportunities within the Berkeley EECS community.

Computer Science Undergraduate Association   SEP 2016 - PRESENT
Organization dedicated to providing networking and professional development opportunities.