

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

FINAL AVERAGE: 98%

skills

- Java
- Python/Django
- Android
- SQL
- HTML/CSS
- JS/jQuery/React

awards

Kraft Award for Freshmen

OCTOBER 2016

Attained highest scholastic records with a 4.0 first semester GPA.

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.

experience

Kloudless

MAY 2017 - PRESENT

Software Engineer Intern

- Working with backend tools such as Django Rest Framework and Celery Task Queue to integrate applications and features with the Kloudless Universal API.
- Completed projects including allowing live updates (Events API) for Google Calendar and Outlook Calendar, integrating various Kloudless endpoints with Citrix ShareFile and building command line tools to manage developer accounts and keys.

UC Berkeley Computer Science Department

JUN 2017 - PRESENT

Course Tutor

- Hired by EECS department as a group tutor for introductory computer science course (CS 61A) summer session.
- Main responsibilities include leading three small-group mentoring sections twice a week to solidify understanding of Python, Scheme and SQL, and three weekly one-on-one tutoring sections for more in-depth conceptual guidance.
- Auxiliary duties include reviewing mentoring worksheets, attending staff meetings and grading/proctoring exams.

CodeBase Technical Consulting Group

JAN 2017 - PRESENT

Project Manager

- Student organization that helps local high-growth startups bridge technical challenges.
- Currently contacting potential clients for project opportunities for the fall semester.
- Past projects include developing a React Native cross-platform mobile application for client Sutro, a hardware startup based in San Francisco.

The Berkeley Forum

JAN 2017 - PRESENT

Director of Systems and Technology

- Student organization dedicated to organizing and hosting talks, panels, and debates for the UC Berkeley community.
- Responsibilities include training members of the Technology Division, building software tools for other Committees and Divisions, setting up video and photo equipment for events, and editing live stream/recorded footage.
- Currently working on rebuilding the Forum website with a Django backend to store event/member data.

projects

DreamPainter

devpost.com/software/dreampainter

- Gear VR application that allows users to view immersive photospheres and their painted images generated using a fast style transfer neural network implementation.
- Used C# to interface the Gear VR's touchpad controls and used Python scripting to automate the image generation process.
- Developed using Unity game engine with a team of five at CalHacks 3.0.

Minimalist

github.com/ellenluo/minimaList

- 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.