

Eugene Y. Q. Shen

eugene@eyqs.ca · (604) 295-7569

6098 Commercial Street · Vancouver, Canada · V5P 3N9

<https://github.com/eyqs/> · <https://eyqs.ca/> · <https://www.linkedin.com/in/eugeneeyqshen/>

Education

UNIVERSITY OF BRITISH COLUMBIA (UBC)

SEPTEMBER 2015–PRESENT

Second-year in the Engineering Physics program. Past courses include Intermediate Algorithms (CPSC 320), Competitive Programming (CPSC 490), Vector Calculus (MATH 217), and Diatonic Harmony (MUSC 101).

- Research in a team of 2 for the Undergraduate Research Opportunities Research Experience Program, presented *Ice Nucleation by Lead Iodide* at the Multidisciplinary Undergraduate Research Conference;
- Help design in Altium the satellite transceiver PCB for UBC Orbit's Communications subteam;
- Help recode the driver to interface with GPS and LIDAR for UBC Snowbots's Integrations subteam.

SIR WINSTON CHURCHILL SECONDARY SCHOOL

SEPTEMBER 2012–MAY 2015

Graduated from the International Baccalaureate Diploma Programme with 41 out of 42 base points.

Experience

TEACHING ASSISTANT, UNIVERSITY OF BRITISH COLUMBIA

JANUARY 2016–PRESENT

Undergraduate teaching assistant for APSC 160, Introduction to Computation in Engineering Design.

- Mark over 70 C labs every week;
- Create a Python script to automatically open and compile the labs;
- Mark both midterms, invigilate and mark the final exam;
- Hold office hours, attend weekly meetings, and respond to questions on an online forum.

HELP VOLUNTEER, CANADIAN RED CROSS SOCIETY

AUGUST 2014–DECEMBER 2015

Front desk volunteer at the Vancouver depot for the Health Equipment Loan Program.

- Created a new standardized inventory labelling system;
- Met with clients at the front desk and processed their loan requests;
- Keyed in loan data, organized equipment inventory, and responded to calls.

Awards

2ND IN DIVISION TWO, ACM-ICPC PACIFIC NORTHWEST REGIONALS

NOVEMBER 2015

Used Python and C++ in a team of 3 UBC students for this programming competition.

4TH IN ROUND ONE, NORTH AMERICAN COMPUTATIONAL LINGUISTICS OLYMPIAD

MARCH 2015

2ND IN THE WESTERN DIVISION, CANADIAN COMPUTING COMPETITION

JANUARY 2014

R. A. PYKE MATHEMATICS MEMORIAL SCHOLARSHIP, SIR WINSTON CHURCHILL

JUNE 2015

N. L. DRUGGE SHIELD, SIR WINSTON CHURCHILL

JUNE 2015

ASSOCIATE DIPLOMA FOR PIANO PERFORMANCE, ROYAL CONSERVATORY OF MUSIC

AUGUST 2014