

Eugene Y. Q. Shen

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Education

UNIVERSITY OF BRITISH COLUMBIA (UBC)

SEPTEMBER 2015–PRESENT

First-year in the Faculty of Applied Science, aiming for a degree in Engineering Physics with Minors in Honours Mathematics and Music Composition. Current courses include MATH 217, MUSC 101, CPSC 490.

- 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;
- 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 2013

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