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Home Address:
5005 155th Pl. S.E.
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EDUCATION

Massachusetts Institute of Technology, Boston, Massachusetts
Candidate for Bachelor's Degree in Mechanical Engineering
Lakeside Upper School, Seattle, WA
GPA: 4.00 (on 4.00 scale)

June 2018

June 2014

EXPERIENCE

Pacific Science Center, Seattle, WA

November 2010-May 2014

Senior Interpreter II (2014), Senior Interpreter (2012-2014), Interpreter (2011-2012), Assistant (2010-2011)

- Enabled smooth operations by answering radio calls from employees, addressing visitor concerns, leading 40 person meetings, and performing data entry.
- Instructed workers in new positions by providing training and shadowing.
- Engaged visitors in science through hands-on activities and demonstrations.

University of Washington Dept. of Bioengineering, Yager Lab, Seattle, WA

June-August 2013

Research Intern

- Researched the adsorption of proteins onto nitrocellulose to develop lateral flow flu tests reliable enough for medical use.
- Designed device to sequentially deliver protein and buffer solutions using AutoCAD and a laser cutter.
- Developed protocol to quantify the adsorption of proteins using UV video and photo imaging, ImageJ, and excel.

Lakeside School Global Service Learning Trip, Tufestalt, Morocco

June-July 2012

Project Team Member

- Installed water delivery system in team of 10 to bring drinking water to 30 rural households.

University of Washington, Seattle, WA

June-August 2011

Research Intern

- Constructed stream table to model lab's research on the effects of debris in streams. Final product used by the Pacific Science Center.

LEADERSHIP

Lakeside School Club, Destination Education

September 2011-June 2014

Club Leader

- Raised over \$6,000 towards building a school in rural Cambodia. Organized fundraisers with hundreds of participants.

Lakeside School Newspaper

September 2010-June 2014

Features Editor (2013-2014), News Editor (2012-2013), Copy editor (2011-2012)

- Planned weekly meetings for 30-person staff, developed spreads of related, in-depth articles, edited and wrote articles.

Lakeside School Tour Guide

September 2011-June 2014

Head Tour Guide (2014)

- Trained tour guides, led tours for prospective families, new hires, and visiting educators, wrote blogs for admissions website, and advised admissions process.

ACTIVITIES

MIT Women's Varsity Openweight Crew

September 2014-present

Lakeside School Women's Varsity Crew

February 2010-May 2014

SKILLS

Basic Python and AutoCAD

Fluent in French and German

AWARDS

National Merit Finalist

February 2014

National French Contest "Le Grand Concours": Silver Medal

February 2012