## Michael Lee

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Expected graduation: Jun 2017

# Summary of Qualifications

- Strong leadership, problem-solving, critical thinking, and organizational skills.
- Work well both independently and in team projects.
- Highly motivated and enthusiastic.
- Strong computer and programming skills: proficient in Python, C#, Java, web design (HTML, CSS, and Javascript), LATEX, Windows, and Linux.

#### Education

#### Freshman, University of Washington

- Intended major: Computer Science
- Related coursework: Computer Science I/II (accelerated)
- GPA: 3.9

#### Skyline High School

Jun 2013

- International Baccalaureate Diploma
- Unweighted GPA: 3.73
- National Merit Finalist

Feb 2012

#### Related Experience

#### Intern, Microsoft Research

Summer 2012 & 2013

- Wrote a tool integrating ongoing research to answer questions about travel by translating them to SQL, with final accuracy rate of 95%
- Developed tools to assist other interns, improving overall productivity by 20%
- Manually tagged 13k queries, leading to a 10% improvement in experimental search algorithms

#### Webmaster, DUBotics (UW Robotics Team)

Oct 2013 - present

- Designed and implemented the team website: http://dubotics.github.io

Member, UWctf (UW Computer Security and Hacking Club)

Oct 2013 - present

Programmer, StudentRND Labs (robotics)

Summer 2013

Programming tutor (Python)

Summer 2013

Webmaster, National Honors Society

Sep 2012 - June 2013

#### Leadership

### CSE 14x Teaching Assistant at UW $\,$

Dec 2013 - present

- Responsible for organizing and teaching a quiz section each week for CSE 142.
- Responsible for providing additional tutoring at the Introductory Programming Lab (IPL) and additional labs.

#### FIRST Robotics Club

Sep 2010 - Jun 2013

- Leadership roles
  - President

Sep 2011 - Jun 2013

- Programming & Electronics team captain

Sep 2010 - Jun 2013

- Website team captain

- Sep 2010 Jun 2013
- Led 20-30 students and mentors to build competitive robots under 6 week deadlines
- Helped raise and budget \$15,000 from grants and fundraisers annually
- Responsible for coding the robot, creating the electronics and control systems, ensuring overall safety and rules compliance, and mentoring new students and mentors

#### President & Club Founder, Skyline Programming Club

Apr 2012 - June 2013

- Responsible for organizing the club, planning logistics for competitions, managing secretarial and archival duties, and tutoring students in basic programming

# Competitions and Hackathons

	1 <sup>st</sup> place – Microsoft Research high school & Ph.D. intern hackathon	July 2013
8	"Best Game" award – CodeDay Seattle	May 2013
	Finalist – DECA regional competition	Feb 2012