

SUMMARY OF SKILLS

- Four years' experience in using **Linux** (including ArchLinux, CentOS and Ubuntu)
- Solid programming skills in **C/C++** honed from three years' project and work experience
- Strong background in **algorithms** and **mathematics**
- Working experience on source management tools like **Git** and **SVN** and typesetting system **L^AT_EX**
- Two years' working knowledge of **PHP**, **HTML**, **CSS**, **JavaScript**, **MySQL**, **MATLAB** and **Python**

WORK EXPERIENCE

Research Assistant

SFU Vision and Media Lab, Burnaby, Canada

Jan. 2016 - Jan. 2017

- Researched in facial expression recognition

Software Developer Intern

Arista Networks Inc., Burnaby, Canada

Sept. 2015 - Dec. 2015

- Worked on EOS Kernel, which is based on Linux Kernel

Research Assistant

SFU Computational Logic Lab, Burnaby, Canada

Jan. 2015 - Jan. 2017

- Researched in hockey game analysis based on Markov model

EDUCATION BACKGROUND

Harvard University, MSc in Computational Science & Engineering

2017 - Present

- Program Starts in August 2017

Simon Fraser University, BSc in Computer Science (First Class with Distinction)

2014 - 2017

- Overall GPA: 4.22 / 4.33 (A: 4.0)

Zhejiang University, BEng in Computer Science and Technology

2012 - 2017

- Overall GPA: 3.9 / 4.0 (A: 4.0)

PUBLICATIONS AND PATENTS

- **How to trade a player: Clustering and Ranking NHL Players.** *MIT Sloan Sports Analytics Conference 2017.* O. Schulte, **Z. Zhao**, M. Javan and P. Desaulnier
- **A Markov Game Model for Valuing Actions, Locations, and Team Performance in Ice Hockey.** *Data Mining and Knowledge Discovery.* O. Schulte, M. Khademi, S. Gholami, **Z. Zhao**, M. Javan and P. Desaulnier
- (Pending) US Patent: **SYSTEM AND METHOD FOR EVALUATING TEAM GAME ACTIVITIES.** O. Schulte, S. Gholami, **Z. Zhao**, M. Javan and P. Desaulnier
- **What is the Value of an Action in Ice Hockey? Q-Learning for the NHL.** *Machine Learning and Data Mining for Sports Analytics - ECML/PKDD Workshop, 2015.* O. Schulte, **Z. Zhao** and K. Routley

SELECTED HONORS AND AWARDS

- Simon Fraser University Dean's Convocation Medal
- Simon Fraser University President's Honor Roll
- National Scholarship of P.R.China (For top 2% students in Zhejiang University)
- Zhejiang University Academic Excellence Scholarship, First-class
- 17th Place in ACM/ICPC Programming Contest, North America Pacific Region
- Simon Fraser University Dual-Degree-Program Entrance Scholarship, First class
- 14th Place in Zhejiang University Mathematical Modeling contest
- Zhejiang University Student Leadership Award (in recognition of my work in student union)