

Gary Ge

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Summary

Seeking an internship at a dynamic and fast-paced company where I can make an impact, create products that matter, and work with industry's state of the art.

Education

University of California, Berkeley Electrical Engineering and Computer Science	2015-2019
Stony Brook University Young Scholars Program, ACE Program	2013-2014
Ward Melville High School (GPA: 104.6/100)	2012-2015

Experience

Research Assistant, Stony Brook University Image Analysis Lab **2014-2015**
Conducted computer vision research on automatic classification of actions in images using human gaze data. Created a novel classification algorithm combining state-of-the-art visual features with features derived from gaze data and identified behaviorally meaningful groups of action classes that elicit similar gaze patterns from people.

Advisor: Prof. Dimitris Samaras

Skills

- Languages: Java, Python, Matlab, familiar with: Swift, HTML/CSS, Javascript, XML, C++
- Computer Vision/Machine Learning
- Familiar with: front-end web, front-end mobile (Android/iOS)

Publications

- **Gary L. Ge**, Kiwon Yun, Dimitris Samaras, and Gregory J. Zelinsky, "*Action Classification in Still Images Using Human Eye Movements*" The 2nd Vision Meets Cognition Workshop at Conference on Computer Vision and Pattern Recognition (CVPR) 2015 (Boston/USA)
- Kiwon Yun, **Gary L. Ge**, Dimitris Samaras, and Gregory J. Zelinsky, "*How We Look Tells Us What We Do: Action Recognition Using Human Gaze*" Vision Sciences Society (VSS) 2015 (Florida/USA)

Honors and Awards

- Long Island Science and Engineering Fair Third in Category, Computer Science (2015)
- AIME Qualifier (2014, 2015)
- National Merit Scholar (2015)

- National AP Scholar (2015)
- Siemens Competition Semifinalist (2014)
- USA Physics Olympiad Bronze Medal Semifinalist (2014)
- Toshiba Exploravision Honorable Mention (2014)
- USAMTS Bronze Award (2013)
- Purple Comet Mathematics Competition Honorable Mention (2013)
- National Science Olympiad “Experimental Design” Second Place (2013)

Extra-Curricular Activities

Computer Science Club (*Founder, President*)

Prepared lessons and trained a team for the American Computer Science League.

Robotics Club (*President*)

Led team to build autonomous robots for the NY/NJ Botball Tournament.

Math Team (*President*)

Led team in a variety of regional, state, and national mathematics tournaments.

Science Olympiad

Competed on science team in regional, state, and national mathematics tournaments.

FIRST Tech Challenge (FTC) Team

Designed, built, and programmed a robot to perform tasks on a playing field against other teams. Robots are both autonomous and manually controlled.

Junior Varsity Tennis (*Co-Captain*)

Volunteering

Long Island State Veterans Home

Visited veterans and supervised them in biweekly recreational activities.

Suffolk County Asian American Advisory Board Youth Orchestra (*Soloist, First Violist*)

Prepared pieces for various Asian American community cultural events.

National Honor Society

Helped organize various school functions.