**Gary Ge**

Cell: 631-504-7556 | garyliangge@berkeley.edu

**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 2015-2019**

Electrical Engineering and Computer Science

**Stony Brook University 2013-2014**

Young Scholars Program, ACE Program

**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.