# GARY GE

www.garyge.me
garyliangge@berkeley.edu
(631) 504-7556

2020 Kittredge Street, Apt. 321
Berkeley, CA 94704

## Education

**University of California, Berkeley (GPA: 4.0/4.0)**　　2015-2018
Electrical Engineering and Computer Science (EECS)

**Stony Brook University (GPA: 4.0/4.0)**　　2013-2014
Independent coursework concurrent with high school

**Organizations & Activities:**
Eta Kappa Nu (EECS Honor Society), Tau Beta Pi (Engineering Honor Society), CITRIS Mobile App Challenge

**Relevant Coursework:**

[CS61B] Data Structures and Algorithms　[CS70] Discrete Math & Probability　[UGBA10] Principles of Business
[CS61C] Machine Structures　[CS188] Artificial Intelligence　[EE16B] Design Info Devices/Systems II

## Experience

**Software Engineering Intern, Infinera**　　2016
- Built a multi-channel optical link simulator in VB and MATLAB.
- Integrated project with existing design tools to offer high spectral resolution of link performance.

**Research Intern, Stony Brook University Computer Vision Lab**　　2014-2015
*Advisors: Profs. Dimitris Samaras, Gregory J. Zelinsky*

- Conducted computer vision research on automatic action classification in images using human gaze.
- Created a novel image classification algorithm using features derived from gaze data.
- Identified behaviorally meaningful groups of action classes that elicit similar gaze patterns from people.

## Projects

**PleaseTutorMe** *Created at HackingEDU 2015 In San Mateo, CA.*

PleaseTutorMe is a web application designed to bring available tutors to clients within minutes.

- Created custom views for the Node.js framework using Jade, CSS and JavaScript.
- Integrated the Bootstrap CSS framework and several common JavaScript libraries into front-end.

## 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 & Awards

**Edward Frank Kraft Award for Freshmen**　　2016

**Dean's Honors List**　　2015-2016

**Semifinalist**, Siemens Competition in Math, Science, and Technology　　2014
Project: "*Action Classification in Still Images Using Human Gaze*"

## Skills & Certifications

Proficient: Java, Python, MATLAB, HTML/Jade, CSS, Visual Basic/VB.NET
Familiar: JavaScript, Swift, XML, C++, SQL, Bootstrap, Node.js, Express, Computer Vision/Machine Learning
**Oracle Certified Associate, Java SE8 Programmer**