



# GARY GE

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## 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:

[CS61A] SICP [EE16A] Design Info Devices/Systems I [Math 54] Lin. Algebra, Diff. Equations  
[CS61B] Data Structures and Algorithms [EE16B] Design Info Devices/Systems II [MAT 307] Multi. Calculus, Lin. Algebra

## Experience

**Software Engineering Intern, Infinera** **2016**

- Worked on optical architecture team to build a multi-channel optical link simulator in VB and MATLAB.
- Project integrates 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 classification algorithm by combining state-of-the-art visual features with features from gaze data.
- Identified behaviorally meaningful groups of action classes that elicit similar gaze patterns from people.

## Projects

**PleaseTutorMe** *Created with Michael Qu and George Lee 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**