

Education

University of California, Berkeley 2015-2018
B.S. Electrical Engineering and Computer Science | **GPA 3.99**

Stony Brook University 2013-2014
Independent coursework | **GPA 4.0**

Organizations: HKN (EECS Honor Soc.), TBP (Engineering Honor Soc.) (Student Relations Chair), Cal Launchpad

Relevant Coursework

[CS61B] Data Structures & Algorithms	[EE127] Optimization Models	[CS162] Operating Systems
[CS70] Discrete Math & Probability	[CS188] Artificial Intelligence	[CS168] Internet Architecture
[CS170] Efficient Algorithms	[CS189] Machine Learning	[CS186] Database Systems
[EE126] Probability & Rand. Processes	[CS280] Computer Vision	[CS161] Computer Security

Experience

Facebook | Software Engineer 2018-Present

UC Berkeley | CS 188 (Artificial Intelligence) Teaching Assistant Spring 2018

- Lead discussions, manage homework administration, write/proctor/grade exams, and hold office hours.

Facebook | Software Engineering Intern Summer 2017

- Created a snapshot testing and debugging application for data center design tools.
- Project supersedes unit tests and is integrated into entire team's development work flow.

Infinera | Software Engineering Intern Summer 2016

- Built a multi-channel optical link simulator in VB and MATLAB.
- Integrated project with legacy design tools to offer high spectral resolution of link performance.

Stony Brook University | Research Intern 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.

Projects

PleaseTutorMe *Created at HackingEDU 2015*

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

- Created custom views for front-end using Jade, CSS, JavaScript, Bootstrap, and Selectize.js.

Admiral *Created at Calhacks 3.0, presented at the 2017 Microsoft Imagine Cup National Finals*

An app where users earn credits for viewing ads that they can spend to hide other ads or exchange for money.

- Created custom views for front-end using Jade, CSS, JavaScript, Bootstrap, and Vue.js.
- Built backend with MongoDB to store user accounts, implemented login and signup procedures.

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

Quantedge Award for Academic Excellence 2018

Microsoft Imagine Cup National Finalist 2017

Treehacks Best Use of Google ML - Runner Up 2017

Dean's Honors List 2015-2018

Semifinalist, Siemens Competition in Math, Science, and Technology 2014

Skills & Certifications

Proficient: Java, Python, JavaScript, Flow, MATLAB, HTML/CSS, Visual Basic/VB.NET

Familiar: PHP, React.js, XML, C++, C, SQL, Bootstrap, Node.js, Computer Vision/Machine Learning

Oracle Certified Associate, Java SE8 Programmer