

Education

University of California, Berkeley

2015-2018

B.S. Electrical Engineering and Computer Science | GPA 4.0/4.0

Stony Brook University

2013-2014

Independent coursework concurrent with high school | GPA 4.0/4.0

Organizations: Eta Kappa Nu (EECS Honor Society), Tau Beta Pi (Engineering Honor Society)

Relevant Coursework:

[CS 61B] Data Structures & Algorithms [CS 170] Efficient Algorithms [CS 188] Artificial Intelligence
 [CS 70] Discrete Math & Probability [CS 186] Databases [CS 189] Machine Learning

Experience

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.
- Identified behaviorally meaningful action class groups that elicit similar gaze patterns from people.

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*

Admiral is a web app that lets users earn credits for viewing ads that they can spend to hide ads elsewhere or convert to real 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

Microsoft Imagine Cup National Finalist

2017

Edward Frank Kraft Award for Freshmen

2016

Dean's Honors List

2015-Present

Semifinalist, Siemens Competition in Math, Science, and Technology

2014

Project: "Action Classification in Still Images Using Human Gaze"

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