Gary Ge

Student at UC Berkeley seeking a software engineering internship.
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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

Relevant Coursework:

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

Experience

Software Engineering Intern, Infinera   **2016**

Working this summer on the optical network design team to develop software that integrates new optical components and architectures into existing design tools.

Research Intern, Stony Brook University Computer Vision Lab   **2014 - 2015**

Advisor: Prof. Dimitris Samaras

Conducted computer vision research on automatic action classification in images using human gaze data. Created a novel classification algorithm by 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.

Projects

PleaseTutorMe

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

- I created custom views for the Node.js framework using Jade, CSS and JavaScript.
- I used the Google Maps API to enable location-based searching for tutors.
- I integrated the Bootstrap CSS framework and several common JavaScript libraries into the front-end.

Created with Michael Qu and George Lee HackingEDU 2015 in San Mateo, CA.

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)

Awards

- **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, JavaScript
- Familiar: Swift, XML, C++, SQL, Bootstrap, Node.js, Express, Computer Vision/Machine Learning
- **Oracle Certified Associate, Java SE8 Programmer**