Gary Ge

www.garyge.me | garyliangge@berkeley.edu | Cell: 631-504-7556

Objectives

Student at UC Berkeley seeking software engineering internship. Experienced with frontend web development but open to all software development positions.

Experience

Research Assistant, Stony Brook University Image Analysis Lab   2014 - 2015

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.

Advisor: Prof. Dimitris Samaras

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

Some Relevant Coursework:

[CS61A] Structure/Interpretation of Programs	[EE16A] Designing Info Devices/Systems I	[Math 54] Linear Algebra, Differential Equations
[CS61B] Data Structures and Algorithms	[EE16B] Designing Info Devices/Systems II	[MAT 307] Multivariable Calculus, Linear Algebra

Certifications

Oracle Certified Associate, Java SE8 Programmer

Skills

- Proficient: Python, Java, Matlab, HTML/Jade, CSS, Javascript
- Familiar: Swift, XML, C++, SQL, Bootstrap, Node.js, Express, Computer Vision/Machine Learning

Projects

PleaseTutorMe

PleaseTutorMe is a web application designed to bring available tutors to clients within minutes. A Google Maps UI allows users to find nearby available tutors after searching by subject. Text notifications of tutoring requests are sent to tutors using Twilio.

Created at 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*"