Gary Ge

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Objectives

Student at UC Berkeley seeking software engineering internship. Experienced with front-end web development but open to full-stack web and mobile development.

Education

University of California, Berkeley **2015-2019**
EECS | College of Engineering

Stony Brook University **2013-2014**
Young Scholars Program, ACE Program

Relevant Coursework

- CS 61A: The Structure and Interpretation of Computer Programs
- EE 16A: Designing Information Devices and Systems I
- Math 54: Linear Algebra and Differential Equations
- MAT 307: Multivariable Calculus with Linear Algebra

Projects

PleaseTutorMe (www.pleasetutor.me)

PleaseTutorMe is a web application designed to bring available tutors to clients within minutes. A map UI built with the Google Maps API allows users to find nearby available tutors and search by subject. Text notifications of tutor requests are sent to tutors using the Twilio API. Created at HackingEDU 2015 in San Mateo, CA.

Skills

- Languages: Java, Python, HTML/Jade/CSS, Matlab; Familiar with: Swift, Javascript, XML, C++
- Familiar with: web development (Bootstrap, Node.js, Express), front-end mobile (Android)
- Computer Vision/Machine Learning

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 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

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)