KAIWEN ZHOU

(626) 232-3730 – kaiwenzhou@berkeley.edu

EDUCATION

University of California Berkeley:
B.S. Electrical Engineering and Computer Sciences (Expected – May 2019)

GPA – *3.78*, **Deans List** – Fall 2015 & Spring 2016 – Semester and Overall GPA in 10% of all CoE

Relevant Coursework:

CS61B – Data Structures

CS61C – Great Ideas in Computer Architecture

CS186 – Introduction to Database Systems

CS162 – Operating Systems and Systems Programming

CS188 – Artificial Intelligence

CS170 – Algorithms

CS194-26 – Image Manipulation and Computational Photography

TECHNICAL SKILLS

Proficient: Python, Java, LaTeX

Familiar: HTML, CSS

WORK EXPERIENCE

Software Engineer: Bank of America Merrill Lynch   *6/2017 – 8/2017*
Developed Titan, an equity portfolio trading platform. Worked on improvements to CAM (user info & problem assessment manager) and OMS (order management system), designed audit history service for trade support debugging

PROJECTS

Image Frequency/Gradient Domain Fusion: *October 2017*
Implemented multiresolution blending algorithm in Python by using Gaussian and Laplacian stacks to seamlessly blend parts of images together (e.g. orange + apple) in addition to Poisson blending using a Laplacian operator to naturally integrate blended images into different colored backgrounds

Text Editor: *March 2016*
Wrote fully functional text editor in Java from scratch using JavaFX libraries, supported by self-designed data structure to allow for reasonable speed of execution while moving through text (i.e. cursor movement, scrolling, vertical access)

ACTIVITIES

Course Reader: CS70 (Discrete Mathematics and Probability Theory)   *8/2017 – Present*
Tutor students at homework parties, assess students by grading homeworks

Industrial Relations Officer: Eta Kappa Nu (HKN) (EECS Honor Society)   *5/2016 – 5/2017*
Organized and hosted info sessions and tech talks with tech companies, emailed and called companies such as Snapchat, Google, Bloomberg, Wish, and Stripe to invite them to hold recruiting events at Berkeley

Outreach Officer: Taiwanese American Student Association   *5/2016 – 12/2016*
Coordinated logistics for alumni outreach event involving a professional development panel for ~10 alumni of various professions to provide breadth about post-college experiences

Content Reader: EE16A (Designing Information Devices and Systems)   *1/2016 – 5/2016*
Assisted Content TAs in editing and testing homework problems; developed circuit diagrams using LaTeX

AWARDS

Eta Kappa Nu (HKN) : EECS Honor Society (GPA in Top 25% of Junior Standing EECS)

Tau Beta Pi (TBP) : Engineering Honor Society (GPA in Top 12.5% of Junior Standing CoE)