

DANIEL TSAI

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EDUCATION

University of California, Berkeley – Berkeley, CA

Aug. 2013 – May 2017

College of Letters and Science, Computer Science

EECS Honors Degree; Dean's List; Upsilon Pi Epsilon

GPA: 3.67/4 **CS GPA: 3.79/4**

COURSEWORK

Intro to Machine Learning, Neural Computation, Probability and Random Processes, Optimization Models, Signals and Systems, Computational Photography, Operating Systems, Relativity and Quantum Physics

WORK EXPERIENCE

Microsoft Corporation

Summer 2016

Software Engineer Intern

- Designed and implemented new framework for Microsoft Azure that focuses on engineering principles and reliability in Python and C++
- Developed skills in computer networking and operating systems
- Was among a select few interns invited to pitch project to the CTO and CVP of Microsoft Azure

Undergraduate Computer Vision Researcher

Jan. 2016 - Present

Berkeley Vision and Learning Center

- Research in the space of senses of similarity using neural networks
- Executed the fine-tuning of a network using Siamese networks to learn similarity between human and dog faces using Python and Caffe
- Supervised by Professor Alexei Efros

Intel Corporation

Summer 2015

Technical Marketing Intern

- Developed Python script to flash multiple Android tablets in parallel
- Developed an Android application to identify hardware parts of mobile devices for operating system development debugging

CORE CAPABILITIES

Python, Java, C, Caffe, NumPy, Cloud computing