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## ASHTON TENG

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94709

### Education

University of California, Berkeley — Sep 2014-present

B.A. candidate in Cognitive Science and Computer Science, expected in May 2018 (GPA: 3.926/4.0)

#### *Relevant Coursework:*

- Cognitive Neuroscience; Neural Computation; Introduction to Neurobiology; Brain, Mind and Behavior
- Artificial Intelligence, Machine Learning, Data Structures, Structure and Interpretation of Computer Programs
- Linear Algebra and Differential Equations, Calculus, Probability, Introduction to Statistics and Probability

### Research Experience (Cognitive Neuroscience, Cognitive Science)

**D'Esposito Lab — Jan 2016-present (Supervisors: Mark D'Esposito, Kai Hwang)**

- Recruitment and coordination of experiment participants
- Data acquisition using TMS and fMRI (certified operator)
- Statistical analysis of brain data using AFNI and Python

**Gallant Lab — April 2016-now (Supervisors: Jack Gallant, Leila Wehbe)**

- Design and development of experimental stimuli
- Building Natural Language Processing models using Machine Learning techniques
- Statistical analysis of brain data using Python

**Gopnik Lab — Jan 2015-Jan 2016 (Supervisors: Dr. Alison Gopnik, Shaun M. O'Grady)**

- Conducting behavioral developmental psychology experiments with adolescents
- Recruiting participants in school and museum settings (cold-calling, social media, and email)
- Presenting relevant research papers in laboratory meetings

### Work Experience

**Microsoft Research Asia (Cloud + Enterprise) — June 2015 (Mentor: Joanna Li)**

- Core Developer for C+E China internal website, Monthly C+E newsletter
- Developed a web app (SmartCrop) based on Project Oxford's (projectoxford.ai) computer vision API
- Planned, filmed, and edited an "Introduction to Project Oxford" tutorial video for developers

### Skills

- Python (numpy, scipy, matplotlib, nibabel, nilearn), Java, Scheme, SQL, HTML5, CSS, Javascript, JQuery
- Hype Pro, Adobe Photoshop, Adobe AfterEffects, Final Cut Pro, Microsoft Office, Apple iWork, Google Docs
- Fluent in Mandarin Chinese, English. Advanced Intermediate French.

### Extracurricular

**Cognitive Science Student Association (Internal Member, Secretarial Chair)**

- General event planning (e.g. graduate student research talks)
- Annual California Cognitive Science Conference (theme selection, speaker coordination, marketing)

**Student Health Advisory Committee (International Students, Transgender Students Representative)**

- Advises the Tang Center and University Health Services on specific community health needs
- Formulating best plan to disseminate UHS information into communities, and collect feedback and concerns