

Iilina Bhaya-Grossman

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

BA IN COGNITIVE SCIENCE AND COMPUTER SCIENCE

Expected May 2018 | Berkeley, CA
Conc. in Artificial Intelligence
Minor: Chinese
College of Letters and Sciences
Cum. GPA: 3.96 / 4.0

HOMESTEAD HIGH SCHOOL

Grad. May 2014 | Sunnyvale, CA

LINKS

LinkedIn://

ilina-bhaya-grossman-52495b115

COURSEWORK

UNDERGRADUATE

Interpretation and Structure of Computer Programs
Data Structures, Databases (Lab Asst)
Beauty and Joy of Computer Programming

SKILLS

PROGRAMMING

Java • Python • Matlab • C++
C • SQL • \LaTeX • Assembly

LANGUAGES

Chinese

OTHER

Product Design • Writing • Editing
Classroom Assistance • Tutoring

INTERESTS

ACADEMIC

COMPUTER SCIENCE

- Google Games Participant
- Stanford She++ Conference
- Tapia Conference: Diversity in Computing

SOCIAL

ACTIVISM

- Bay Area Solidarity Summer

EXPERIENCE

COMPUTER SCIENCE MENTORS | ACADEMIC MENTOR

Aug 2015 – Present | Berkeley, CA

Teach Data Structure lessons to a small group of students in a classroom setting.
Attend weekly lesson plan development workshops.

UNIVERSITY OF CALIFORNIA, BERKELEY | LABORATORY ASSISTANT

Dec 2015 – May 2015 | Berkeley, CA

Worked with students struggling with Computer Science concepts to solidify their understanding and application of fundamental principles.

STANFORD BIOE DEPARTMENT | PRODUCT TEAM LEAD

June 2013 – Aug 2013 | Palo Alto, CA

Designed and prototyped a sleep apnea prevention product with other students.
Researched sleep apnea symptoms and treatments as precursor to design process.

REACH FELLOWSHIP INTERNATIONAL | RESEARCH INTERN

May 2015 – Aug 2015 | Richmond, CA

Researched and produced an educational and job readiness manual for a nonprofit company working with female inmates.

RESEARCH

KNIGHT NEUROSCIENCE LABORATORY

UNDERGRADUATE RESEARCHER

Dec 2015 – Present | Berkeley, CA

- Work with Arjen Stolk with the guidance of Prof Robert Knight to analyze EEG data using FieldTrip, a Matlab toolkit developed by the Donders Institute.
- Data from EEG is used to clarify brain regions involved in decision making and social communication tasks.
- Conducted EEG experiments on the participants included in the decision making study.

HUANG ENGINEERING LABORATORY

UNDERGRADUATE RESEARCHER

June 2012 – Aug 2013 | Stanford, CA

- Co-author on publication submitted as a software article for BMC Biology: "Rapid, precise quantification of bacterial cellular dimensions across a genomic-scale knockout library"
- Worked with Professor KC Huang to design programs that implemented parallel structure GPU processing (CUDA) using C code.
- Created efficient interfaces between image input and quantified output.
- Quantified and filtered cell 'difference' using Matlab script for Huang laboratory experiments.

GROUPS

ACADEMIC

2016 Member National Society of Collegiate Scholars
2015 Member Cognitive Science Student Association

SOCIAL

2016 Project Team Lead Design For America Product Design
2016 Inmate Tutor Bears Beyond Bars