

# GEORGE HE

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<https://github.com/georgehe4>

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## EDUCATION

### University of California, Berkeley, CA

B.S. in Electrical Engineering and Computer Science

**August 2014 – May 2018**

CAA Leadership Scholar

### Fremont High School, Sunnyvale, CA

GPA: (U/W) 4.00 , (W) 4.8

**August 2010 – June 2014**

Valedictorian

## EXPERIENCE

### Techtern Intern, Audience Inc.

**(June 2014 – August 2014)**

- Host Software and QA –eS704 and eS774 audio chips
- Development with Python, Robot, Bellagio, and the Android SDK on audio algorithms

### Internship, Photo Lab in Palo Alto

**(January 2013 – August 2013)**

- Coding and implementation of a cross-platform photo sharing and social media program – main work on the iOS platform

### Research at Carleton College

**(June 2013 – August 2013)**

- Programming C++ and OpenGL libraries to manipulate Kinect data

### Lockheed Martin LEAP Program

**(October 2012 – May 2013)**

- Designing and testing projects in aerospace engineering
- Researching ballistic missile defense (BMD)

## AWARDS

- Fremont Union High School District Foundations Recognized Student (2014) -
- International Top 10 Finalist in *Business Law and Ethics Team Decision* – DECA (2014)
- President's Volunteer Service Award — Gold Level (2013)
- TYDP Website Development Award (2011)

## SKILLSET

### Java

- Implemented tower defense
- FIRST robotics with FRC libraries

### C(++)

- 3D environment modeling with the Microsoft Kinect

### Python

- Automation of multi-platform Android servers for QA testing
- Hog – Development of AI with 60% win rate

### HTML, CSS, JavaScript

- Familiar with jQuery and AJAX
- Launched websites at
  - <http://www.fremontrobotics.com>
  - <http://fremontdeca.com/>
  - <http://tsinghuayouth.org/>

## EXTRACURRICULARS

### DECA Business Club

**(August 2010 – June 2014)**

### President, VP of Store Operations

- Managed on-campus student store: raised over \$4k for the club

### FIRST Robotics

**(August 2010 – June 2014)**

### Vice President, Head Programmer

- Raised over \$40k as finance lead over 2 years
- Top Seed and Finalist at Silicon Valley Regionals (2013)