

# James Choi

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## EDUCATION

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University of California, Santa Barbara (UCSB)

Bachelor of Science in *Electrical Engineering*

*Technology Management Certificate*

September 2014 - March 2018

March 2017

## HONORS

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*Harold Frank Scholar*

*Engineering Honors Program*

*Dean's List*

University of California, Santa Barbara

December 2015 - Present

March 2015 - Present

March, June 2015

## SKILLS

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- Familiar with *C++*, *Java*, *MATLAB*, *JavaScript*, *HTML*, and *Ruby on Rails*
- Fluent in English and Korean

## EXPERIENCE

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Software QA at Trelp Santa Barbara, CA

September 2015 – December 2015

- Helped develop website using JavaScript and HTML for the new mobile application, Trelp, which provides truck drivers with rest spots and most efficient directions to their arrival
- Responsible for testing the software to ensure that all functions perform properly

AlziCam Santa Barbara, CA

November 2015 – January 2015

- Led a team to finish a feasible business proposal, AlziCam, which helps Alzheimer's patients
  - Wearable camera that records and shares with patients and caretakers

Engineering Writing Award UCSB

May 2015

- Recognition of excellence in research and writing
- Led a team of four to successfully conduct a number of usability tests, research, and redesign of the Cuisinart Citrus Juicer CCJ-100

NATCAR Project UCSB, UCD

May 2015

- Obtained design experience with emphasis on software and electronic circuits
- Improved soldering skills and learned about signaling

Arduino Project Cupertino, CA

July 2013

- Built an alarm clock by programming and assembling a circuit board
- Created essential functionalities such as time, date, and alarm adjustments

## EXTRACURRICULARS

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Alpha Kappa Psi

September 2015 - Present

- Largest and oldest professional business fraternity focusing on leadership, community, and brotherhood

Vice President at Techonits Sunnyvale, CA

September 2011 – January 2014

- Co-founded CA non-profit organization that brings benefits of technology to senior citizens
- The organization is officially registered with the *President's Volunteer Service Award* for completion of 500+ hours of service

Team Captain, AAU Basketball San Jose, CA

2014

- Led a team of 12 young men to the Final Four in the division
- Improved leadership and teamwork skills throughout 10 years of playing

## RELEVANT COURSEWORK

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ECE 2A, 2B: Circuits, Devices, Systems, ECE 15A: Fundamentals of Logic Design, Systems, TMP 122: Technology Management: Entrepreneurship, CS 16, 24 (C++): Advanced Problem Solving, ENGR 3 (MATLAB): Programming for Engineers, ENGR 10: Exposure to Engineering Disciplines