

Kevin Chen

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<http://www.kevinbrianchen.com>

EDUCATION

California Institute of Technology, Pasadena, CA (2011-Present)

- GPA: 4.1 Major GPA: 4.1
- B.S. in Computer Science, expected June 2014

Yale University, New Haven, CT (2010-2011)

- GPA: 3.9; Major GPA: 4.0

EXPERIENCE

Facebook: Offers, Software Engineering Intern (Summer 2013)

- Redesigned the offers dashboard (desktop and mobile). Implemented a summary email notification for offer creators. Worked on frontend development with PHP, CSS, and Javascript.

Google: Photos Backend, Software Engineering Intern (Summer 2012)

- Implemented a system to improve the ordering of photos in G+ Events. This involved working in the Java backend to correct photos' timestamps using contextual information from events.

Google Summer of Code: Astrometry.net, Student Developer (Summer 2011)

- Designed and implemented a new web interface and corresponding API for the Astrometry.net calibration service. The website was written in Python using Django (<http://nova.astrometry.net>).

Indie Video Game Development (2004-present)

- CSPSP (<http://cspsp.appspot.com>): Developed a homebrew top-down shooter for the PlayStation Portable. Featured a multiplayer mode that let players from all over the world play against each other; had over 30,000 active players at its peak.

UCLA Center for Embedded Networked Sensing (Summer 2009)

- Worked on a group research project involving programming for the Google Android platform. Developed an adaptive localization system that uses GPS and Wi-Fi data of multiple phones to estimate position.

SKILLS

Computer Languages

- Java (Sun Certified Programmer SE 6), C/C++, Python, 80x86 Assembly, PHP, HTML, CSS, JavaScript, CUDA

Electrical Engineering

- Embedded systems (80C188), CMOS VLSI design (Magic), asynchronous VLSI (CHPSIM)

ACTIVITIES

Teaching Assistant, Caltech (2012-2013)

- CS 2 Introduction to Programming Methods, CS 38 Introduction to Algorithms

ACM International Collegiate Programming Team, Member (2010-present)

- 2nd at the Southern California Regionals (2012), 7th at the Greater New York Regionals (2010)

MATHCOUNTS Outreach, Coach, New Haven, CT (2010-2011)

- Taught middle school students interesting but fun math topics. Prepared them for the regional MATHCOUNTS competition.

Science Olympiad, Member, North Hollywood, CA (2007-2010)

- 1st at Los Angeles County Regionals (2008, 2009, 2010), 2nd at Southern California State (2008, 2009, 2010)

AWARDS

Henry Ford II Scholar Award, Recipient, 2013

- Awarded to the engineering student with the best academic record at the end of the third year of undergraduate study.

U.S. Physics Olympiad, Semifinalist, 2010

North American Computational Linguistics Olympiad, Invitational's Qualifier, (2009, 2010)

U.S.A. Computing Olympiad, Gold Division Competitor, 2010

Caltech Signature Award, Recipient, 2009

INTERESTS

- Model building, demoscene music, video games (Starcraft!), Korean BBQ