Resume Book

University of California, Berkeley

Eta Kappa Nu, *Mu Chapter*

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UC Berkeley is the home of the Mu chapter of Eta Kappa Nu (HKN), the international honor society for electrical engineers and computer scientists. The Mu chapter of HKN consists of Electrical Engineering and Computer Science (EECS) students who are in the top 25% of their junior class or the top 33% of their senior class. Beyond their impressive academic achievements, HKN members are the most qualified candidates for engineering jobs due to their extensive extracurricular activities, philanthropic endeavors, and social involvement in the campus community. Most of our members also have research and work experience in their fields of study, complementing their academic excellence with real-world experience.

The EECS major combines the disciplines of Electrical Engineering and Computer Science into one comprehensive curriculum that prepares students for a wide variety of both technical and non-technical jobs. Students may study a wide variety of topics ranging from circuits and electronics to software and computation theory. But regardless of the specific course of study taken, students in the EECS major have the ability to identify, formulate, and solve challenging engineering problems because of the strong foundation in fundamental mathematics, science, and engineering that is gained in the EECS major. Furthermore, the EECS major allows students to foster their professional maturity and gain the knowledge and skills needed to become effective communicators, leaders, citizens, and engineers.

HKN offers a variety of services to the students and staff at Berkeley, including peer advising, free daily tutoring to students, an archive of past examination files, and conducts semesterly evaluations of classes and professors. HKN also helps with many community service events, volunteering for Habitat for Humanity, Friends of Five Creeks, Rebuilding Together, and other charitable organizations. HKN thanks you for your support, which allows us to continue to provide these services to the students and staff of the university as well as the surrounding community.

Please visit our website at http://hkn.eecs.berkeley.edu/indrel/ for more information about what HKN can do for your company. In addition to resume books, HKN can also schedule tech talks and corporate information sessions for your company. If you have any questions regarding the resume book and Eta Kappa Nu in general, please email us at indrel@hkn.eecs.berkeley.edu.

Tester testing

Industrial Relations
indrel@hkn.eecs.berkeley.edu

HKN Mu Chapter Resume Book

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Class of 2014

testing, Tester

Class of 2015

Casey, Kevin

Graduates

Stalker, Night

Class of **2014**

HKN Mu Chapter Resume Book

Kevin A. Casey

Campus Address: 2700 Hearst Avenue #2292, RM FH2-2B61D La Loma North, Berkeley, CA 94720
Home Address: 23253 Lea Ct, Valencia, CA 91354
● Cell: (408) 477-6092 ● kacasey@berkeley.edu

Education

University of California, Berkeley

Major: Electrical Engineering and Computer Science

Current GPA: 3.7

Expected Graduation Date: June 2016

Related Courses

Computer Science	Structure and Interpretation of Computer Programs (Python)
	AP Computer Science (Java)

Other Courses

Math	Calculus
Physics	Mechanics and Wave motion

Experience

iOS Programming (2012)

Developing basic apps for the iPhone

- Self studied the Objective-C language, concepts such as memory management, delegation, archiving, and use of view controllers, and frameworks of iOS classes
- Utility apps – A painting app with various gesture recognitions, a map app with location marking features, an item storage app and a counting app designed for young children

Java/Python Projects (2011-2012)

Developed programs in Python and Java for projects in Computer Science courses:

- Simple Games: Hangman, Checkers, Modified Pig (dice game),
- More Complex Games: Ants vs. Some Bees (a simplified Plants vs. Zombies game)
- Other Projects: created a geographic visualization of Twitter data across the USA, created a Scheme-based interpreter using Python.

Arduino (2012)

Designed and built a glove that could play music by capturing movement changes for my high school Senior Project

- Used an Arduino microprocessor board, soldered wires to create a circuit and wrote code to interpret flex sensor positions and output to a speaker with a range of one octave.

Skills

Languages: Python, Java, Objective C

Operating Systems: Windows, Mac, Unix

Class of **2015**

HKN Mu Chapter Resume Book

Hello KEVIN (not KEVIN?)

Bear Facts
Unofficial Transcript

As of: August 25, 2013 12:00 AM

COLLEGE: ENGR **MAJOR:** ELEC ENGR COMPUT SCI

UNIVERSITY REQUIREMENTS

08-12	UC ENTRY LEVEL WRITING	REQT SATISFIED
08-12	AMERICAN HISTORY	REQT SATISFIED
08-12	AMERICAN INSTITUTION	REQT SATISFIED

BERKELEY CAMPUS REQUIREMENTS

08-12	AMERICAN CULTURES	REQUIRED

ADV PLACEMENCHEM, 05-10 5.3
ADV PLACEMENEUR HIST, 05-10 5.3
ADV PLACEMENMATH AB, 05-10 0.0
ADV PLACEMENAM HIST, 05-11 5.3
ADV PLACEMENENGL LANG, 05-11 5.3
ADV PLACEMENMATH BC, 05-11 5.3
ADV PLACEMENMATH AB SUB, 05-11 0.0
ADV PLACEMENPHYS B, 05-11 5.3
ADV PLACEMENMUSIC THRY, 05-12 5.3
UC LOS ANGELES (U, 1 TRM SU09-SU09
***ATTM 2.7 *PSSD 2.7 *GP 10.7**
COLLEGE OF THE CANYO, 2 TRM FA11-SP12
***UN 4.0**

FALL TERM 2012

COMPSCI	61A	STR INTERP CMP PRGS	4.0	A-	14.8
MATH	1A	CALCULUS	4.0	A+	16.0
PHYSICS	7A	SCIENT ENGIN PHYS	4.0	A	16.0
S,SEASN	R5A	SELF REPRESENT/NATN	4.0	B	12.0

HONORS TO 12-12

SPRING TERM 2013

COMPSCI	61B	DATA STRUCTURES	4.0	A+	16.0
COMPSCI	98	DIRECTED GROUP STDY	2.0	P	PF
MATH	53	MULTIVAR CALCULUS	4.0	A	16.0
PHYSICS	7B	SCIENT ENGIN PHYS	4.0	A+	16.0

HONORS TO 05-13

SPRING TERM 2013

Dean's Honors
DEAN'S HONORS

SUMMER SESSION 2013

COMPSCI	61C	MACHINE STRUCTURES	4.0	A+	16.0
GERMAN	R5B	READING AND COMP	4.0	A	16.0

TOTAL PASS/NOT PASS ATTM	2.0	PASSED	2.0
OTHER TRANSFER CREDIT	41.1		
SEMESTER CREDITS COMPLETED	81.8	UC GPA	3.863

Graduates

Kevin A. Casey
Campus Address: 2501 Benvenue Avenue #8, Berkeley, CA 94704
Home Address: 23253 Lea Ct, Valencia, CA 91354
● Cell: (408) 477-6092 ● kacasey@berkeley.edu

Education

University of California, Berkeley

Major: Electrical Engineering and Computer Science

Current GPA: 3.863

Expected Graduation Date: June 2016

Related Courses

Computer Science	Structure and Interpretation of Computer Programs (Python)
	Data Structures (Java)
	Macintosh Student Developers for OS X (Objective-C)
	Machine Structures (C)
	Software Engineering (Ruby on Rails)
Electrical Engineering	Intro to Microelectronic Circuits

Other Courses

Math	Single and Multivariable Calculus
	Linear Algebra and Differential Equations
	Discrete Mathematics and Probability Theory
Physics	Mechanics and Wave motion
	Heat, Electricity and Magnetism

Experience

Academic Intern (Fall 2013)

- Currently a lab assistant for CS61A (Structure and Interpretation of Computer Programs) and CS61C (Machine Structures).
- Explain concepts to students and confirm that they have done the labs correctly

iOS Programming (Winter 2012 - Present)

- Designed and built an app based on Bluetooth that tracks where you parked your car
- Built multiplayer Wifi based card game Snap. Currently working on a modification of the card game Big Two
- Utility apps – A painting app with various gesture recognitions, an item storage app and a counting app designed for young children

Java/C Projects (2011 - Present)

- Won competition in CS61B (Data Structures) for designing the best algorithms for playing the game Network.
- Had fastest algorithm in CS61C (Machine Structures) for matrix multiplication using parallelization with framework pthread

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Skills

Languages: Python, Java, Objective C, C, Ruby

Operating Systems: Mac, Unix, Windows