

Tanya Krishnakumar

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OBJECTIVE To obtain an internship for Summer 2015 in the software area utilizing my education.

EDUCATION **University of California, Berkeley**
Bachelor of Science, Electrical Engineering and Computer Science
(August 2013 – May 2017)

Hercules Middle High School – Valedictorian
(August 2009 – June 2013)

COURSE WORK **The Structure of Computer Programs | Data Structures | Computer Architecture | Discrete Mathematics and Probability | Efficient Algorithms | Artificial Intelligence**

SKILLS	Java	Python	Data Structures	Scheme	Eclipse	C
	HTML	CSS	JavaScript	jQuery	Bootstrap	Mips

EXPERIENCE **Online Developer, Daily Californian Newspaper** (September 2014-present)
My job is to revamp and update UC Berkeley's prominent newspaper's online version using front-end and back-end tools.

Research Assistant, UC Berkeley Department of Civil Engineering (May 2014-August 2014)
I worked on a project on inattentive driving in the state of Washington under a PhD student. I worked on data analysis using various tools, including K-Means Clustering in Python.

Student, Women's Technology Program in EECS in MIT (June 2012-July 2012)
I attended a competitive program in Electrical Engineering and Computer Science hosted in MIT, where I learned Python and coded the game of Tetris.

PROJECTS **Personal Website**
Created my personal website with HTML, CSS, JavaScript, jQuery, and Bootstrap.

Ants project in Python
Programmed a version of PopCap Games' [Plants Vs. Zombies](#).

Networks (artificial intelligence) in Java
Developed an artificial intelligence that ensures the computer to win the complex game of Networks with the *minimax algorithm*, alpha-beta pruning, and game trees.

SubArt SF Website
I designed and made a website for a nonprofit organization called SubArt SF. I had weekly meetings with the UI/UX team, which helped my communication skills greatly. I used HTML/CSS, JavaScript, jQuery, and Bootstrap to create this website.

MEMBERSHIPS **CS KickStart** – A program for female freshmen interested Computer Science
Society of Women Engineers
Association of Women in EECS
Hackers at Berkeley