

# Keith Schwarz

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## Education

**MS in Computer Science, Stanford University (2011)**

**BS in Computer Science, Stanford University (2011)**

Conferred with Distinction  
Minor in Mathematics

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## Work Experience

**Lecturer, Department of Computer Science**

*September 2011 - , Stanford University*

Teaching introductory CS courses, advising undergraduate and graduate students, and working to make CS welcoming and supportive to students of all interests and backgrounds.

**Visiting Lecturer, CS143: Compilers**

*June 2011 - August 2011, Stanford University*

**Software Engineer Intern**

*Summer 2010, Palantir Technologies.*

**CURIS Research Student**

*Summer 2009, Stanford University. Advisor: Prof. Alex Aiken.*

**Platform Intern**

*Summer 2008, Mozilla Corporation.*

## Invited Talks

**Panelist at “Nifty Assignments,” SIGCSE Symposium 2011**

Presenting assignment “Evil Hangman,” in which students write a program that cheats at Hangman by adaptively dodging the player's guesses.

**Interview on BBC Radio 5's *Outriders* Program, November 22, 2011**

Describing the “Archive of Interesting Code,” a personal project to research and implement interesting algorithms and data structures.

## Publications

Nick Parlante, Julie Zelenski, **Keith Schwarz**, Dave Feinberg, Michelle Craig, Stuart Hansen, Michael Scott, and David J. Malan. “Nifty Assignments,” SIGCSE '11.

Eric Roberts, **Keith Schwarz**. “A Portable Graphics Library for Introductory CS,” ITICSE '13.

## Honors and Awards

**Walter J. Gores Award** (2015)  
Stanford's highest teaching award.

**Stanford Society of Latino Engineers Faculty Member of the Year** (2015)

**Stanford Tau Beta Pi Award for Excellence in Undergraduate Teaching** (2012)

**Stanford Society of Women Engineers Professor of the Year Award** (2012)

**Siebel Scholar, Class of 2011**

**George Forsythe Memorial Award** (Stanford University, 2010)  
Awarded for excellence in student teaching.

**Henry Ford II Scholar** (Stanford University, 2010)

**Frederick Emmons Terman Award** (Stanford University, 2010)

## Projects

**Archive of Interesting Code**  
<http://www.keithschwarz.com/interesting/>

A project to research and implement interesting algorithms and data structures.

**+script**  
<http://www.keithschwarz.com/+script/>

An implementation of the Java Virtual Machine in JavaScript.