

# David Kavalier

18679 West Cavendish Dr, Castro Valley, CA 94552 Cell: 510-384-3559 [dmkavalier@ucdavis.edu](mailto:dmkavalier@ucdavis.edu)

## Objectives

An internship that focuses on all aspects of Software Engineering. In particular, I am interested in empirical software engineering, how people interact with and understand systems, the study of human-machine interaction, incentives and motivations in open-source software, social computing, quality, and metrics.

## Education

09/2013 to Present UC Davis, Ph.D. in Computer Science

09/2009 to 06/2013 UC Davis, B.S. in Computer Science and Engineering

## Publications

**Using and Asking: APIs Used in the Android Market and Asked About in Stack Overflow.**

David Kavalier, Daryl Posnett, Clint Gibler, Hao Chen, Prem Devanbu, and Vladimir Filkov. Presented at 5th International Conference on Social Informatics (SocInfo). Social Informatics. Springer International Publishing, 2013. 405418. Best Paper Nominee.

**Developer See, Developer Do? Homophily and Influence in OSS Projects**

David Kavalier, Vladimir Filkov. Under review.

## Awards and Recognitions

Dean's List	Letters and Science and Engineering: Fall 2009, Spring 2011, Fall 2011, Winter 2012, Spring 2012, Fall 2012
A+ Grade Received	Introduction to Software Engineering, Embedded Systems, Modern Physics, General Chemistry, Elementary Accounting
Graduate Level GPA	4.0
Fellowships Awarded	UC Davis Graduate Group in Computer Science Fellowship: Fall 2013, Spring 2015
Best Paper Nominee	International Conference on Social Informatics (SocInfo) 2013

## Employment and Research Experience

Fall 2013 to Present	Teaching Assistant and Research Assistant in DECAL lab with Premkumar Devanbu and Vladimir Filkov – Computer Science Department
Summer 2010	Engineering Intern at Sensys Networks

## Self-Taught Interests

Game Design	Designed mobile games
Graphic Design	Designed signs, posters, website templates (using Adobe Photoshop and Adobe Illustrator)

## Programming Languages, Software Tools and Operating Systems

Java, R, C, C++, SQL, Python, JavaScript, x86 Assembly, LaTeX, ActionScript / Flash  
PostgreSQL, Node.js, Eclipse IDE, Git, Android SDK, libGDX, Unity, Adobe Photoshop, Adobe Illustrator  
Android, Windows, Ubuntu, Fedora

## References

Vladimir Filkov	Associate Professor. Computer Science Department, UC Davis. <a href="mailto:filkov@cs.ucdavis.edu">filkov@cs.ucdavis.edu</a>
Premkumar Devanbu	Professor. Computer Science Department, UC Davis. <a href="mailto:devanbu@cs.ucdavis.edu">devanbu@cs.ucdavis.edu</a>