David Kavaler

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Objectives

An internship that focuses on data analysis, including data mining, data gathering, statistical modeling (including predictive and explanatory models), metric design, and machine learning. I have extensive experience in gathering data and using R to build both predictive and explanatory statistical models. I am also interested in examining motivations and incentives for participation in software systems, as well as social computing.

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 Kavaler, 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 Kavaler, Vladimir Filkov. Under review and revision for Empirical Software Engineering: An International Journal.

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, Fall 2015
Best Paper Nominee	International Conference on Social Informatics (SocInfo) 2013

Employment and Research Experience

Fall 2013 to Present	Computer Science Department - Teaching Assistant and Research Assistant in DECAL lab with Premkumar Devanbu and Vladimir Filkov
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)
Web Design	Designed Node.js applications (backend and frontend) for various purposes

Programming Languages, Software Tools and Operating Systems

R, Java, C, C++, Python, SQL, JavaScript, bash, x86 Assembly, LaTeX, ActionScript / Flash

PostgreSQL, Node.js, Angular.js, Eclipse IDE, Git, Android SDK, Unity, Adobe Photoshop, Adobe Illustrator
R packages and functions including base R, (g)lm, (g)lmer, data.table, ggplot, pscl, MASS, car, dplyr
Ubuntu, Fedora, Android, Windows

References

Vladimir Filkov	Associate Professor. Computer Science Department, UC Davis. filkov@cs.ucdavis.edu
Premkumar Devanbu	Professor. Computer Science Department, UC Davis. devanbu@cs.ucdavis.edu