

Veljko Pejovic

Curriculum Vitae

Date of birth: December 25th, 1982

Address: 2229 De la Vina St, Santa Barbara 93105, CA

Cell Phone: 310-467-3704

E-mail: veljko@cs.ucsb.edu

Education:

- Currently on the **fourth year of PhD studies** at Computer Science Department, University of California Santa Barbara, CA; started at fall 2006. **Current GPA: (3.85/4.00)**
- **BS in Electrical Engineering** (major Computer Science and Engineering), School of Electrical Engineering, Belgrade, Serbia, June 2006. **GPA: 9.29/10.00**

Fellowships:

- James D. Kline Fellowship for work that promotes international understanding, 2009 – 2010 (\$5000)
- President's Work-Study Award for 2008 – 2009, and 2009 – 2010, UCSB (total \$6300)
- Teaching Assistantship and Tuition Fellowship for 2006 – 2011, CS department, UCSB
- Travel grant to Israel by Institute Mihailo Pupin, Belgrade, Serbia, July 2005.
- Fellowship from the Ministry of Education, Republic of Serbia, 2003 - 2006.

Area of interests:

- Wireless networking, energy efficient protocols, delay tolerant networking, wireless sensor networks, technology and society

Research Experience:

- **“Flutrack: Tracking Human Behavior Patterns in Case of Pandemics”** supervised by prof. Jon Crowcroft, University of Cambridge, Summer 2009
- **“Self-powered rural area networks energy modeling”** (research on Tegola network in rural Scotland – www.tegola.org.uk) supervised by prof. Mahesh Marina, University of Edinburgh and prof. Elizabeth Belding, UC Santa Barbara, ongoing project started at summer 2008
- **“Wireless sensor network performance debugging system”** (EWSN poster, paper under submission), supervised by prof. Cormac Sreenan, University College Cork, Ireland, Summer 2007
- **“Wireless Networks - location determination using PocketPC”** Programming implementation. Investigating theoretical issues regarding cracking the network and sniffing, supervised by Yoram Yihyie. Technion, Haifa, Israel, July-September 2005

Employment:

- Summer 2006 – **Software developer**, “Antegra Information Systems”, Belgrade, Serbia

Teaching Experience:

- TA for Prof. Giovanni Vigna, UCSB Course CS 179: Network Security, Winter 2007
- TA for Prof. Elizabeth Belding, UCSB Course CS 176: Introduction to Computer Communication Networks, Fall 2007
- TA for Prof. Michael Costanzo, UCSB Course CS 5JA: Introduction to Computer Programming, Spring 2007 and Spring 2008
- TA for Prof. John Gilbert, UCSB Course CS 140: Parallel Programming, Winter 2007
- TA for Prof. Peter Cappello, CS department, UCSB Course CS 40: Foundations of Computer Science, Fall 2006
- Lab Assistant for Computer Engineering and Computer Science Department, School of Electrical Engineering, Belgrade, School years 2003/2004 - 2005/2006

Competitions and Awards:

- **Tesla – Neverending Story (First Prize)**, international students’ paper competition organized by IEEE, Paper “On Client and Transaction Identification and Matching Problems”. Coauthors: Emil Varga and Marko Stankovic, July 2006
- **Microsoft Imagine Cup 2005 (National level - Third prize)** Project “Phoenix” mobile web application, team programming, project developed in C#.NET, SQL Server, Compact.NET Framework, January-April 2005

Publications:

- Veljko Pejovic, Elizabeth Belding, Mahesh Marina “*An Energy-Flow Model for Self-Powered Routers and its Application for Energy-Aware Routing*” NSDR '09, Big Sky, Montana, October 2009
- M. P. Wittie, V. Pejovic, L. Deek, K. C. Almeroth E. M. Belding, and B. Y. Zhao “*Exploiting Locality of Interest in Online Social Networks*” Graduate Student Workshop on Computing, UCSB, Santa Barbara, CA, October 2009.
- Veljko Pejovic, Cormac Sreenan, “*PerDB: Performance Debugging for Wireless Sensor Networks*” Poster, EWSN'09, Cork, Ireland, February 2009
- Veljko Pejovic, Emil Varga, Marko Stankovic, “*On Client and Transaction Identification and Matching Problems*”, Tesla Neverending Story – IEEE’s International Student Paper Contest and Conference, Belgrade, Serbia, July 2006
- Veljko Pejovic, “*Location Determination in 802.11 Wireless Network*”, Engineering Diploma Thesis (in Serbian), School of Electrical Engineering, University of Belgrade, Serbia, June 2006.

Professional Services and Society Membership:

- **Publicity chair:** WiNS-DR '08 - ACM Wireless Networks and Systems for Developing Regions Workshop, San Francisco, CA, September 2008
- EESTEC - Electrical Engineering Students European Association, Since 2006
- MENSA – since 2001

Personal:

- Hobbies: Aikido, Judo, Photography, Literature, Guitar

References:

- prof. Elizabeth Belding (UCSB, Santa Barbara, CA): ebelding@cs.ucsb.edu
- prof. Mahesh Marina (University of Edinburgh, UK): mmarina@inf.ed.ac.uk
- prof. Jon Crowcroft (University of Cambridge, UK): Jon.Crowcroft@cl.cam.ac.uk
- prof. Cormac Sreenan (UCC, Cork, Ireland): cjs@cs.ucc.ie