

Timothy William Hnat

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EDUCATION

Ph.D. in Computer Science, In Progress
University of Virginia, VA, USA

M.Eng in Computer Engineering and Computer Science, *Summa Cum Laude*, Aug 2006
University of Louisville, Louisville, KY, USA

B.S. in Computer Engineering and Computer Science, *Summa Cum Laude*, Aug 2005
University of Louisville, Louisville, KY, USA

TEACHING AND RESEARCH

Graduate Research Assistant
Charlottesville, VA, USA
Advisor: Kamin Whitehouse
University of Virginia
Summer 2007 - Present

Graduate Teaching Assistant
Charlottesville, VA, USA
Computer Networks (CS 457)
University of Virginia
Spring 2007

Graduate Teaching Assistant
Charlottesville, VA, USA
Program and Data Representation (CS 216)
University of Virginia
Spring 2007

Graduate Teaching Assistant
Charlottesville, VA, USA
Computer Architecture (CS 333)
University of Virginia
Fall 2006

EMPLOYMENT

Software Developer
Louisville, KY, USA
Software development and software support for all Kentucky Fried Chicken and multi-brand in-store computer systems. Supervisor: Sherry Herb.
YUM! Brands, Inc.
2003–2004

UNDER SUBMISSION

T. Sookoor, T. Hnat, and K. Whitehouse *MacroLab: A Framework for Deployment-Specific Code Decomposition*

T. Hnat and K. Whitehouse *Sieve: Simple Event Classification for Wireless Sensor Networks*

PUBLISHED PAPERS

S. Braun, W. P. Hnat, T. W. Hnat, H. L. Legan, *Taking the guesswork out of mandibular symphyseal distraction osteogenesis*. American Journal of Orthodontics and Dentofacial Orthopedics, Volume 119, Number 2, 2001

S. Braun, W. P. Hnat, B. Kusnoto, T. W. Hnat, *A new accurate approach to the anterior ratio with clinical applications. Part 1: A computer program*. American Journal of Orthodontics and Dentofacial Orthopedics, Volume 115, Number 4, 1999

DEMOS

R. Dickerson, J. Lu, B. Chantree, T. Hnat, J. Lu, J. Stankovic, K. Whitehouse, *MetroNet: Case Study for Collaborative Data Sharing on the World Wide Web*. Information Processing and Sensor Networks, April 2008

AWARDS

- ACM Distinguished Student Award, 2005
- Fischer Family Scholarship, University of Louisville, 2001–2006
- Speed School Alumni (Scholarship), Speed School of Engineering, University of Louisville, 2001–2002

HONORS

- President, Upsilon Pi Epsilon, University of Louisville, 2004–2006
- President, Association of Computing Machine (ACM), University of Louisville, 2004–2005
- Upsilon Pi Epsilon, Honor Society for Computer Disciplines
- Tau Beta Pi, National Engineering Honor Society