

E. T. Hammerand

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Current Position

Position Title:

Current Academic Rank: Associate Professor

Rank Since: Fall 1995

Degrees

Ph.D.	Computer Science, University of Missouri - Rolla, Rolla, Missouri 1990
M.S.	Computer Science, University of Missouri - Rolla, Rolla, Missouri 1985
B.S.	Computer Science, University of Missouri - Rolla, Rolla, Missouri 1984

Scholarly Contributions and Creative Productions

Grants

Hammerand, E. (2010). Expansion of Crowley's Ridge BEST Robotics to 24 Schools. The Kays Foundation - 4350.

Journal Publications

Hammerand, E., & Su, H. (2012). Reduced Split/Merge Propagation in a Modified B-Link Tree Design. *Journal of Computational Methods in Science and Engineering (JCMSE)*.

Presentations

Hammerand, E. (2010). Modified Concurrent Access to the B-Link Tree. 25th Annual International Conference on Computers and Their Applications.

Hammerand, E. (2010). Top-Down Approach on Concurrent Access to the B-Link Tree. 19th Annual International Conference on Software Engineering and Data Engineering.

Scrivner, G., & Hammerand, E. (2008). BEST Robotics. BEST Robotics presentations to students.

Scrivner, G., & Hammerand, E. (2008). BEST Robotics. Arkansas Curriculum Conference.

Proceedings Publications

Hammerand, E., & Su, H. (2010). Modified Concurrent Access to the B-Link Tree. *CATA: 25th INTERNATIONAL CONFERENCE ON COMPUTERS AND THEIR APPLICATIONS*, 49-54.

Hammerand, E., & Su, H. (2010). Top-Down Approach on Concurrent Access to the B-Link Tree. *ISCA 19th*

INTERNATIONAL CONFERENCE ON SOFTWARE
ENGINEERING AND DATA ENGINEERING, 243-248.

Teaching

Fall 2006 Courses:

CS 2191 1 - OBJECT ORIENTED PROGRAM LAB
CS 2193 1 - OBJECT ORIENTED PROGRAMMING
CS 3363 1 - DATA STRUCTURES
CS 5493 1 - COMPUTER GRAPHICS I

Spring 2007 Courses:

CS 3363 1 - DATA STRUCTURES
CS 4503 1 - COMPUTER GRAPHICS II
CS 457V 1 - SP PROB VISUAL PROGRAMMING

Fall 2007 Courses:

CS 2191 1 - OBJECT ORIENTED PROGRAM LAB
CS 2193 1 - OBJECT ORIENTED PROGRAMMING
CS 3363 1 - DATA STRUCTURES
CS 6413 1 - SOLID MODELING

Spring 2008 Courses:

CS 2191 1 - OBJECT ORIENTED PROGRAM LAB
CS 2193 1 - OBJECT ORIENTED PROGRAMMING
CS 3363 1 - DATA STRUCTURES
CS 6493 1 - ROBOTIC SOFTWARE CONTROL

Fall 2008 Courses:

CS 2124 001 - OOP and Fundamental Data Structures
CS 3113 001 - Algorithms and Advanced Data Structures
CS 5413 1 - COMPUTER GRAPHICS I

Spring 2009 Courses:

CS 2124 001 - OOP and Fundamental Data Structures
CS 3113 001 - Algorithms and Advanced Data Structures
CS 5423 1 - COMPUTER GRAPHICS II

Fall 2009 Courses:

CS 2124 001 - OOP and Fundamental Data Structures
CS 2124 002 - OOP and Fundamental Data Structures
CS 3113 001 - Algorithms and Advanced Data Structures

Spring 2010 Courses:

CS 2124 001 - OOP and Fundamental Data Structures
CS 3113 001 - Algorithms and Advanced Data Structures
CS 3113 002 - Algorithms and Advanced Data Structures
CS 6823 2 - SPEC TOPICS IMAGE PROCESSING

Fall 2010 Courses:

CS 3113 001 - Algorithms and Advanced Data Structures
CS 483V 001 - Internship
CS 5413 1 - COMPUTER GRAPHICS I

Spring 2011 Courses:

CS 4423 001 - Computer Graphics II
CS 482V 003 - MOBILE DEVICE APPLICATIONS
CS 483V 001 - Internship
CS 6703 1 - ADV ANALYSIS OF ALGORITHMS

Summer 2011 Courses:

CS 688V 1 - IND ST IMAGE PROCESSING RES

Fall 2011 Courses:

CS 2124 001 - OOP and Fundamental Data Structures
CS 3113 H01 - HNRS ALGORITHMS AND ADV DATA
CS 583V 1 - INTERNSHIP

Spring 2012 Courses:

CS 2124 001 - OOP and Fundamental Data Structures
CS 4413 001 - Computer Graphics I
CS 482V 004 - MOBILE DEVICE APPLICATIONS
CS 5413 1 - COMPUTER GRAPHICS I
CS 688V 2 - IND ST APPLIED ROBOTICS

Fall 2012 Courses:

CS 3113 001 - ALGORITHMS AND ADV DATA ST

CS 6413 001 - SOLID MODELING