

RIVIER UNIVERSITY PROFESSIONAL SEMINAR IN COMPUTER SCIENCE (SPRING 2013)

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PROFESSIONAL SEMINAR IN COMPUTER SCIENCE Public Presentations

February 5, 2013, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Survey Presentations

- **Aparna Anbalagan** presented "Platform as a Service (PaaS)"
- **Sravani Jayaraman** presented "Social Cloud Computing"
- **Revathi Maturi** presented "Detecting Intrusions"
- **Christopher Powers** presented "Data Mining Algorithms"

February 12, 2013, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Survey Presentations

- **Luiz Carvalho** presented "Evaluating the Dynamic Behavior of Python™ Applications"
- **Jean Gao** presented "A Predictive Speller Controller"
- **Karl Guild** presented "Strategies for Human-in-the-Loop Robotic Grasping"
- **Alfred LaSalle** presented "On the Road to Massive Parallel Computing with GPUs"
- **Kavita Nadgir** presented "Basics of Cloud Computing"

March 12, 2013, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Survey Presentations

- **Aparna Anbalagan** presented "Software Configuration Management"
- **Jean Gao** presented "Automatic Caption Generation for News Images"
- **Revathi Maturi** presented "Overview of Double Guard: Detecting Intrusions in Multitier Web Applications"

March 26, 2013, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Survey Presentations

- **Luiz Carvalho** presented "Collateral Evolution of Applications and Databases"
- **Karl Guild** presented "Interactions in the Air: Adding Further Depth to Interactive Tabletops"
- **Sravani Jayaraman** presented "Cloud Computing: Security and Threat Concerns"

- **Kavita Nadgir** presented "**Apache Hadoop™ for Data-Intensive Distributed Applications**"
- **Christopher Powers** presented "**An Overview of Internet Mail Standards**"
- **Alfred LaSalle** presented "**A shallow Dive into Massively Parallel Computing with Nvidia's CUDA Architecture**"

April 23, 2013, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Capstone Project Presentations

- **Aparna Anbalagan** presented "**Project Resource Management System**"
- **Luiz Carvalho** presented "**Connected Digital Photo Frame Application**"
- **Sravani Jayaraman** presented "**Library Management System**"
- **Revathi Maturi** presented "**Double Guard: Detecting Intrusions in Multitier Web Applications**"
- **Christopher Powers** presented "**Data Viewer: Using Adobe™ Flex, BlazeDS™, and Java™ for Analyses of Complex Enterprise Data**"

April 30, 2013, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Capstone Project Presentations

- **Jean Gao** presented "**Online Cake Shop**"
- **Karl Guild** presented "**Electronics Manufacturing: Surface Mount Line Simulation**"
- **Kavita Nadgir** presented "**Online Services of the Hindu Temple of New Hampshire**"

Jean Gao and **Kavita Nadgir**, graduate students, graduated with a Master of Science in Computer Science from Rivier University in May 2013. ■

* **Dr. Vladimir V. Riabov**, Professor of Computer Science and Department Coordinator at Rivier University, teaches Introduction to Computing, Algorithms, Networking Technologies, Computer Security, Software Engineering, Software Quality Assurance, Object-Oriented System Design, System Simulation and Modeling, and Professional Seminar in Computer Science. He received a Ph.D. in Applied Mathematics and Physics from Moscow Institute of Physics and Technology and M.S. in Computer Information Systems from Southern New Hampshire University. Vladimir published about 130 articles in encyclopedias, handbooks, journals, and international and national conference proceedings, including *The Internet Encyclopedia*, *The Handbook of Information Security*, *The Handbook of Computer Networks*, *International Journal of Computers and Structures*, *Journal of Spacecraft and Rockets*, *Journal of Aircraft*, *Journal of Thermophysics and Heat Transfer*, *Proceedings of International Congress of Aeronautical Sciences*, *International Symposia on Rarefied Gas Dynamics and Shock Waves*, *International Conferences on Computer Science and Information Systems*, *International Conferences on Technology in Collegiate Mathematics*, *Conferences of American Institute of Aeronautics and Astronautics*, and others. He is a member of ACM, AIAA, IEEE, and MAA.