RIVIER COLLEGE PROFESSIONAL SEMINAR IN
COMPUTER SCIENCE
(SPRING 2011)

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PROFESSIONAL SEMINAR IN COMPUTER SCIENCE
Public Presentations

February 3, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305
Survey Presentations
- Hiral Bhaduwala presented "Automated Exploratory Testing"
- Carl Estabrook presented "A Real-Time Facial Expression Recognition System for Online Games"
- Rama Karri presented "Next Generation Memory Chips: MRAM"
- Douglas Selent presented "GPU-Quicksort"
- Bei Wang presented "Android"

February 10, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305
Survey Presentations
- Daniel Christians presented "RPM Package Manager"
- Nigel D'Souza presented "Business Intelligence & e-Discovery"
- Kevin Gill presented "Business Intelligence & Dashboards"
- Venubabu Kunamneni presented "IT Infrastructure Library Model"
- Swapna Welling presented "Cloud Computing"

February 17, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305
Survey Presentations
- Swapna Bandam presented "Internet Protocol, Version 6 (IPv6)"
- Mihael Bailey presented "Lean Enablers for System Engineering"
- Shane Chubb presented "Efficiently Searching for Similar Images"
- Tarek El-Walik presented "Automating Common-Sense Reasoning Using the Event Calculus"
- Michael Jeffords presented "Geophysical Migration Techniques for Ground Penetrating Radar Data"
- Jeffrey Polland presented "Computer Programs to Assist Children with Autism"
March 3, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

**Survey Presentations**
- Hiral Bhaduwala presented "Single Sign-On"
- Carl Estabrook presented "Towards Robotics Cars"
- Rama Karri presented "Optical Bus"
- Douglas Selent presented "Typing Biometrics: Impact of Human Learning on Performance Quality"
- Bei Wang presented "Git - A Distributed Version Control System"
- Swapna Welling presented "Cloud Security"

March 24, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

**Survey Presentations**
- Daniel Christians presented "How We Will Learn"
- Nigel D'Souza presented "Data Warehousing"
- Kevin Gill presented "GOOGLE Native Client"
- Michael Jeffords presented "Parallel Colt: A High-Performance Java Library for Scientific Computing and Image Processing"
- Venubabu Kunamneni presented "Cloud Tech for IT Services"

March 31, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

**Survey Presentations**
- Swapna Bandam presented "Testing Phase in Software Development Life Cycle"
- Mihael Bailey presented "Puzzle-based Learning for Engineering and Computer Science"
- Shane Chubb presented "Beyond the Fascination of Online Games"
- Tarek El-Walik presented "Virtualization: Blessing or Curse?"
- Jeffrey Polland presented "Pattern First Search"

April 14, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

**Capstone Project Presentations**
- Hiral Bhaduwala presented "Online Bookstore System"
- Carl Estabrook presented "3D Asteroids Simulations"
- Rama Karri presented "Online Florist Application"
- Venubabu Kunamneni presented "Application for Hardware and Software Monitoring"
- Douglas Selent presented "Clue Computer Game"
- Swapna Welling presented "Online Project Documentation System"

April 28, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

**Capstone Project Presentations**
- Mihael Bailey presented "Personal Task Manager"
- Daniel Christians presented "Exploring LISP and Ruby: Case Study of a LISP Interpreter"
- Nigel D'Souza presented "BI Universe Reporting"
Kevin Gill presented "DEM846: Digital Elevation Modeling"
Jeffrey Polland presented "Tactus: A World Learning Game for Children with Autism"
Bei Wang presented "Restaurant Online Order System"

May 5, 2011, 7:45 pm - 9:45 pm, Education Building Auditorium EDU 305

Capstone Project Presentations
- Swapna Bandam presented "Inure Avocation Unit"
- Shane Chubb presented "Fault-Tolerant Multi-User Virtual World Server with Erlang"
- Tarek El-Walik presented "Front Desk Program"
- Michael Jeffords presented "StructureScan Mini Viewer for Ground Penetrating RADAR Data"

Bei Wang, an undergraduate student, graduated with a Bachelor of Science in Computer Science from Rivier College in May 2011. Michael Baley, Swapna Bandam, Daniel Christians, Shane Chubb, Nigel D’Souza, Tarek El-Walik, Kevin Gill, Douglas Selent, and Swapna Welling, graduate students, graduated with a Master of Science in Computer Science from Rivier College in May 2011.