Department of
Computer Science

Chair's Corner

Greetings! This year saw the largest group of Information Technology majors graduate so far. We also have two students who, like Grayson Hardaway a few years back, have successfully applied for a job at the Department of Defense involving information security. Junior Reed McLean did an Undergraduate Research Project on the Internet of Things using a Raspberry Pie. Dr Kirk is also exploring using these credit-card sized computers for his Architecture class.

Blessings,

G. Jan Wilms

Inside this Issue

What I'm doing:
Using the Raspberry Pi as a server to host a we[b] that interacts with the garage door.

UNION UNIVERSITY
DEPARTMENT *of* COMPUTER SCIENCE

EXCELLENCE-DRIVEN   CHRIST-CENTERED   PEOPLE-FOCUSED   FUTURE-DIRECTED

Student News

Ryan Shaw completed an internship at 8th Day Software, Henderson, TN. He got a spot award for work ethic and going beyond the call of duty for the company.

Ian Wilder completed an internship at 8th Day Software, Henderson, TN.

Zac Cohen and **Tanner Cherry** completed internships with Social Coaster, Nashville, TN.

After winning the regional ACM programming contest last year, this is a rebuilding year for the team. ■

Alumni News

Job Updates for Alumni

Jacob White (2010): Senior Software Engineer, HAP Innovations LLC, Durham, NC

Jacob Lynn (2009): Software Engineer/Business Intelligence, Ingram Content Group, Nashville, TN

Kevin Jett (2006): Vice President of Software Development, Enterprise Solutions, Nashville, TN

Scott Watson (1984): Technical Account Manager, BMC Software, Marietta, GA

Jeff Moser (1980): Business Analyst, Asentinel, Memphis, TN ■

ACM

The ACM Chapter at Union University is an official affiliate of ACM, the world's largest educational and scientific computing society. Union's ACM chapter was established in 1994.

ACM Officers 2014-2015
ACM Advisor – Dr. Haifei Li
President – Reed McLean
Vice President – Ryan Shaw
Treasurer – Joshua Stucky
Secretary – Skylar Argo ■

Scholarships and Awards

Donations to help these funds grow are much appreciated

The Bill Truex Award in Computer Science – **Stephen Clement**

The Dr. Joe Tucker Scholarship Award – **Reed McLean**

First Place in Major Field Achievement Test – **Stephen Clement**

First Year Programming Award – **Joshua Stucky**

Outstanding Research Award from the Center for Scientific Studies – **Tom Trabue**

Academic Excellence Medal – **Aaron Parke** ■
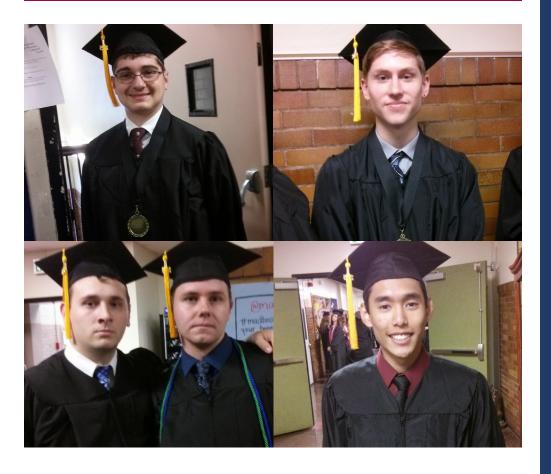
Joshua Stucky

Stephen Clement

Tom Trabue

CSC Colloquiums (2013-14)

"Cloud Computing and Big Data: Buzzwords That Define the Landscape of Enterprise Computing," by Dr. Haifei Li ∎

Scholarship Symposium Presentations

"Developing a 2D Game in Unity Utilizing the Photon Unity Network for Multiplayer Capabilities," by Stephen Clement

"Evaluating Commercial Web Application Security," by Aaron Parke

"iLEAD: A Mobile Application for Student-Directed Individualized Education Programs," by Tom Trabue

"The Use of Raspberry Pi in the Household Internet of Things," Reed McLean

"UU Textbook 2.0: A Webpage for Union Students to Share Textbooks," by James Vo and Cody Tinsley ∎

Graduates LEFT TO RIGHT

Stephen Clement, Department of Defense, Washington D.C.; **Aaron Parke,** Digital Content Specialist, Acxiom, Nashville, TN; **Cody Tinsley,** Associate Desktop Engineer, eviCore Healthcare, Smyrna, TN; **Tom Trabue,** Software Developer, IBM UrbanCode, Brentwood, TN; **James Vo,** Service Desk Analyst, Kirkland's, Jackson, TN ∎

Graduates hold positions at

Acxiom, Ascension Health Information Services, Aspect Security, Aprimo, AutoZone, Asentinel Belvedere Trading, Benefit Communications, BMC Software, BrickWire, Booz Allen Hamilton, Cerner Corporation, CF Webtools, Education Networks of America, Deitek Inc., Enterprise Solutions, eviCore Healthcare, Field Nation, Franklin American Mortgage Company, Garmin International Inc., Global Client Solutions, HAP Innovations LLC, HCI Supply, Housing Authority, Jackson Madison County Schools, IBM UrbanCode, Ingram Book Company, Iowa State University, iPro Systems, Logical Systems Inc., Kirkland's, Lutheran Senior Services, Marcone, Mid-America Apartment Communities, Modern Telephone Systems, Nash Finch Company, National Security Agency, Nerdvana, NextGen Healthcare, Professional IT Management, Pictsweet, Pomeroy IT Solutions, PureSafety, SandStorm IT, SATO, Sedgwick CMS, SG Technology, Simpson Strong-Tie, Sodium Halogen, Sprint, Stanley Black & Decker Inc., SwiftLink, Tennessee Independent Colleges and Universities Association, The Aricent Group, Transformations Inc., Xerox, Younger Associates, Webtec ∎

UNION
UNIVERSITY

Department of Computer Science
1050 Union University Drive
Jackson, Tennessee 38305

Faculty LEFT TO RIGHT

Dr. Jim Kirk
associate professor
jkirk@uu.edu 731-661-5274

Dr. Stephanie Edge
associate professor
sedge@uu.edu 731-661-5324

Cam Tracy
web development agent
ctracy@uu.edu 731-661-5502

Dr. Max Haifei Li
associate professor
hli@uu.edu 731-661-5577

Dr. G. Jan Wilms
department chair/ professor
jwilms@uu.edu 731-661-5267

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