

Edward Colclasure Skoviak IV

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Education

The University of Alabama

May 2012

Master of Science in Computer Science

The University of Toledo

May 2009

Bachelor of Science in Pharmaceutical Sciences

- Majors in Pharmacology and Toxicology
- Minors in Biology and Chemistry
- Magna Cum Laude

Experience

The University of Alabama – Tuscaloosa, AL

August 2010 – August 2012

Graduate Research Assistant (September 2010 – August 2012)

- Maintain network software, enforce network security measures, and monitor networks to ensure availability to system users.
- Analyze data/problems in order to develop solutions utilizing learning management systems.
- Design, develop and modify software systems, using scientific analysis and mathematical models to predict and measure outcome and consequences of design.
- Store, retrieve, and manipulate data for analysis of system capabilities and requirements.

Graduate Assistant (August 2009 - September 2010)

- Installed and performed minor repairs to hardware, software, and peripheral equipment following design or installation specifications.
- Administered internet/intranet infrastructure, including components such as web, file transfer protocol (FTP), news and mail servers.
- Oversaw the daily performance of computer systems.
- Installed and configured web server software and hardware.

Virtua Drug – Budapest, Hungary

June 2008 – August 2008

Practicum - Research Assistant (June 2008 - August 2008)

- Applied theoretical expertise and innovation to create or apply new technology.
- Developed theoretical models of receptor binding sites based on homology and binding assays.

The University of Toledo – Toledo, OH

August 2006 – May 2009

IT Help Desk (May 2007 - August 2007)

- Entered commands and observed system functioning to verify correct operations and detect errors.
- Referred major hardware or software problems and defective products to vendors and technicians for service.
- Set up equipment for employee use, performing and ensuring proper installation of cables, operating systems, and appropriate software.
- Conferred with staff, users, and management to establish requirements for new systems or modification.

Lab Assistant (August 2006 - May 2009)

- Maintained records of daily data communication transactions, problems and remedial actions taken, and installation activities.
- Answered user inquiries regarding computer software and hardware operation to resolve problems.
- Prepared evaluations of software and hardware, and recommend improvements or upgrades.

Publications

- E. Hazai, P. Joshi, E. C. Skoviak, A. Suryanarayanan, M. K. Schulte, Z. Bikadi, “A comprehensive study on the 5-hydroxytryptamine(3A) receptor binding of agonists serotonin and m-chlorophenylbiguanidine”, Bioorg Med Chem. 17(16):5796-805, 2009.