

IAN LUKE KANE

ianlukekane@gmail.com • www.logicnest.com • Please email for additional contact information.

TECHNICAL EXPERTISE:

SYSTEMS MS Windows 98/ME/2000/NT/XP, MS/DOS, Mac OS X v. 10.2.x-10.4.x

DATABASES MS SQL Server 2000/2005, MS Access 2000/XP/2003, Oracle 10g, SPSS 13/14/15, Borland Paradox 3.0/4.0

LANGUAGES SQL, HTML/XHTML, CSS, PHP, Visual Basic, Java, C++

SOFTWARE Macromedia Dreamweaver 8, Mathematica, TeX/LaTeX, Pages 1/2, Keynote 2/3, iLife 04/05/06, MS Office 2000/XP/2003, EndNote 6-9, Quicken 2005, Adobe Acrobat Professional 6/7, Fetch, Crystal Ball 7

EXPERIENCE:

DATA PROGRAMMER/ANALYST • Communifax • Pittsburgh, PA **May 2007 - Present**

- Responsible for the creation of consumer mailing lists for companies such as Verizon Wireless, Sheetz, and Dad's Pet Care, enabling these and other businesses to engage in intelligent and effective marketing strategies.
- Maintain and update databases for the aforementioned clients.
- Explore options in conjunction with the Analytics department in order to effectively model marketing campaigns.
- Streamline and update various automated processes by converting SQL Server 2000 DTS packages into SQL Server 2005 Integration Services packages and by modernizing numerous SQL scripts.
- Consistently meet inflexible deadlines and work on multiple promotions simultaneously in a fast-paced work environment.

SENIOR RESEARCH ASSOCIATE • University of Pittsburgh Medical Center • Pittsburgh, PA **Sept. 2004 – May 2007**

- Served as the data manager in a longitudinal study of childhood and adolescent depression and anxiety for the Department of Adolescent Psychiatry within the University of Pittsburgh.
- Developed and launched a relational database system composed of a Microsoft Access 2003 user interface and a Microsoft SQL Server 2000 back end, including over 500 tables, 200 views, 50 stored procedures, and related functions/permissions.
- Created a plethora of SQL views and stored procedures allowing for better access to data structures.
- Reduced data entry error and enhanced data integrity by instituting a double data entry system built into SQL Server.
- Improved performance of the legacy database system while migrating data into the newly created database system.
- Spearheaded an effort to convert nearly 100,000 paper documents into PDF format, and created a Microsoft Access interface to query the documents, allowing for faster retrieval time and reducing space needs.
- Increased productivity through the supervising and training of ten University of Pittsburgh undergraduate employees, engaging them in tasks such as data entry, software usage, and general office duties.

WEBSITE DEVELOPMENT CONSULTANT • University of Pittsburgh • Pittsburgh, PA **Nov. 2005 – May 2007**

- Developed and maintained the HTML, CSS, and content for the websites of two associate professors at the University of Pittsburgh, accelerating the transfer of research information to interested parties, including PDF copies of published articles, training materials for administering psychological assessments, contact information, and biographical sketches.

TEACHING ASSISTANT (Philosophy Department) • Carnegie Mellon University • Pittsburgh, PA **Aug. 2006 – Dec. 2006**

- Taught two recitation sections of the course "What Philosophy Is" to undergraduates of Carnegie Mellon University.
- Planned weekly teaching lessons to engage students in introductory philosophical concepts and held additional office hours.
- Thoughtfully evaluated both papers and homework of 25 students and maintained responsible teacher/student interactions.

MAC SPECIALIST • Apple Inc. • Pittsburgh, PA **Aug. 2004 – Aug. 2005**

- Directed customers toward complete and appropriate Apple computer solutions.
- Actively pursued knowledge and understanding of new software and hardware technologies introduced by Apple Inc.
- Communicated effectively to computer users of all experience levels by shaping technical concepts to the user's understanding and demonstrating solutions in engaging and exciting ways.
- Enriched the lives of Apple customers by supplying unparalleled customer service.

EDUCATION:

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY • CARNEGIE MELLON UNIVERSITY

- Pittsburgh, PA • Degree Date: August 2008 • QPA: 3.98/4.00
- Research interests include database management, data mining/analysis, and information retrieval.

BACHELOR OF SCIENCE IN MATHEMATICS • GROVE CITY COLLEGE

- Grove City, PA • Degree: May 2004 • QPA: 3.88/4.00 • Major QPA: 3.76/4.00

INTENSIVE LATIN SUMMER SCHOOL CERTIFICATE PROGRAM • UNIVERSITY COLLEGE CORK

- Cork, Ireland • Summer 2003 • QPA: 4.00/4.00

ACHIEVEMENTS AND ACTIVITIES:

- Summa Cum Laude Graduate Grove City College, Kappa Mu Epsilon National Mathematics Honorary, Theta Alpha Kappa Religious Studies Honor Society, Avid Blogger, Reader, and Biker