Roland T. Craddolph

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OBJECTIVE   A position as a Software Architect with preference working primarily in the Java development language.

EDUCATION   Kansas State University
 BS in Computer Science
 Graduated May, 2006

SKILLS

- **Programming Languages:** Java, C/C++, Visual C++ 6.0, COM 6.0, Fortran, Visual Basic, .NET
- **Database/Servers:** SQL, JBoss, Oracle, OC4J (9iASv2), Tomcat, Apache, MYSQL
- **Web-Based Programming-** JavaScript, Struts, HTML, JSP, PHP
- **Operating Systems:** Windows, Linux, (some) Unix, (some) Mac, (some) VMS, (some) AIX
- **Applications:**
  - Microsoft Office Suite
  - Internet Browsers (Opera, IE, Netscape Communicator, Mozilla)
  - Borland JBuilder 4-7
  - Adobe Photoshop 6.0
  - Macromedia Dreamweaver
  - Eclipse
  - Microsoft Visual C++ 6.0
- **Proposal, Grant, and Technical Writing:**
  - Wrote proposal for the KSU SGA Diversity Committee for $5,257.30
  - Assisted with correcting a grant for Upward Bound Math & Science at KSU
  - Wrote technical paper for undergraduate research "A Graphical User Interface For Veterinary Telemonitoring"
  - Co-wrote "An Integrated Cattle Health Monitoring System" Published for EMBC Conference in Summer 2006
- **Certification**
  - Six Sigma Green Belt Certified, Summer 2003

INDUSTRY EXPERIENCE

YMCA Red Bridge Kansas City, MO Soccer Referee September 2010 - Current
- Officiated in soccer matches for students who's grades range from Kindergarten to 7th Grade.

Technology Maintenance Shop Kansas City, MO 1996 to present Web Developer & Technician
- Responsible for web development and website projects, computer repair, and network construction in family-run business serving clients in the Greater Kansas City Area

Cerner Corporation Kansas City, MO March 2006 – March 2009 Software Engineer
- Assisted in creating graphical floor plan overview tool to give an accurate physical layout representation of locations in the Emergency Department (ED)
- Worked on several enhancements and defects for the solution FirstNet that is used throughout the Emergency Department. One enhancement is give a user a way to properly document a Wet Read within the FirstNet solution and to provide a timely notification of Wet Read discrepancies between ED physicians and Radiologists
- Project Lead and developer in creating an Eclipse RCP Professional Coding tool that will derive an E&M code based on documentation, order actions, and other activities associated with an encounter and to remove the dependency FirstNet has with Lynx to reduce overhead costs
- Led FirstNet team with move to Java, Maven2, and to research ways to connect Win32 apps to Java applications and RCP development
- Assisted with HR with bringing US FIRST Robotics to Cerner as a recruiting effort to get students of all ages interested in engineering majors (Electrical, Computer, Mechanical, and Computer Science).

Amagatto Solutions LLC Kansas City, MO August 2008-Current Owner and Lead Developer
- Founded start-up business focusing on SEO (search engine optimization), web-sites creation, web-site maintenance, record tracking applications, and database creation maintenance.

INDUSTRY ORGANIZATIONS and COMMUNITY WORK
- National Society of Black Engineers Alumni July 2006 – July 2008
- Phi Mu Alpha Sinfonia Alumni
- USFirst Robotics Mentor 2006-Current
- Youth Nonprofit Professional Network – joined March 2008
- Member of the KSU MEP Advisory Council 2006-current

COLLEGE WORK EXPERIENCE

KSU WESP Department Manhattan, KS Academic School Year 2005-2006 SAS Tutor
- Tutored students in CIS209, C Programming/Engg

KSU CIS Department Manhattan, KS Academic School Year 2005-2006 Undergraduate Student Researcher
- Updated a Java-based application BMOO Viewer, Veterinary Telemedicine Application for Infrastructure Veterinary Telemedicine
- Assisted with data collection and analysis for further analysis
- Designed a MYSQL database to store large amounts of data for analysis in BMOO Viewer and other Veterinary tools for research

Kansas EPSCoR Scholar Manhattan, KS Summer 2004 Undergraduate Research Assistant
- Created a Java-based application BMOO Viewer, Veterinary Telemedicine Application for Infrastructure Veterinary Telemedicine

Multicultural Engineering Program Manhattan, KS Academic School Year Spring 2003, Fall 2004 Hourly Student Worker and Tutor
- Assisted with basic office duties: Answer phone, record message for director, help solve problems for the MEP students
- Tutored students in CIS200, CIS308, CIS209, CIS300

Upward Bound Math and Science Manhattan, KS Academic School Year 2002-2003,2003-2004 Senior Coordinator and Mentor/Tutor for High School Students Freshman-Seniors
- Assisted in writing the grant for the next academic year
- Created a database to keep track of high school students academic progress in school
- Created activities for high school students to help them in the areas of math and science

Honeywell FM&T KCMO Summers and Winters 1997, 2001, 2002, 2003 INROADS Intern - Computer Programmer
- Programmed Windows and Web-based applications using Java, JSP, servlets, Struts, and Oracle database
- Assisted in redeveloping graphical user interface for two of the four major applications for the team.
- Assisted with creating the new Safety Course website for the entire plant in ELMS
- Updated the Unlock Application for the Help Desk to unlock computers for associates
- Using my Six Sigma training for my green belt certification, I created an automated request system that tracks, records, and creates requests for a customer and that the PC Support team used to keep track of their work

Southwestern Bell Penn Valley Telecommunications Center KCMO Assistant Technician and Instructor Summer 1999, 2000
- Assisted users with hardware and software problems
- Taught classes in Web Page Design, Word Processing, Computer Literacy

COLLEGE ORGANIZATIONS AND ACTIVITIES
- National Society of Black Engineers – President 2004-2005, Vice President 2003-2004,
- Engineering Student Council – Diversity Chair 2004-2005, Director of E-Week 2005-2006
- Steel Ring – Vice President 2005-2006
- KSU Engineering Ambassadors Executives – Head Information Systems Team 2004-2005, Webmaster 2003-2005
- EPSCoR Participant – Summer 2004 Veterinary Telemedicine http://www.cis.ksu.edu/~dan/bmoo
- KSU Band Ambassadors – 2003-2006
- KSU Symphony Band – Chair Bass Clarinet 2001-2004
- NSOS (New Student Orientation Seminar) Mentor for new Engineering Students – Fall 2003, 2004, 2005
- Phi Mu Alpha Sinfonia – aCPR 2005-2006, Vice President 2005-2006, FEO Spring 2004, Assistant Fraternal Educational Officer 2003-2004, Webmaster 2003-2005, Province Listserv Moderator 2003-2005
- Tutor students in CIS, math, science courses at KSU
- ACM 2004-2006 and started and co-hosted CIS LAN parties