**JEFFREY SMOOT, DComp Sci., MBA**

**CORE COMPETENCE**

* Microsoft Office
* Microsoft Project
* Microsoft Visio
* Strong knowledge of Multi-platform systems
* Virtual Environments
* Software hardware troubleshooting skills
* Healthcare experience
* Hospital Administration
* Introduction to Health Informatics
* Systems Analysis for Health Informatics
* Health Information System Security
* Information Systems in the Delivery of Healthcare
* Health Information Systems
* Quality Assurance in Hospital in Managed Care
* Quality Assurance in Hospitals/ Healthcare Organizations
* Certified Scrum Master
* Leadership: Team Lead, Sr. Technician, Project Lead
* Teaching: Networking fundamentals, MS Office, Applications
* Information Technology TCP/IP, Window Services
* Sensis, Impax, Heartlab, Centricity, GE Muse, Hologic, IVUS, GE CardioLab,
* Philips Witt, GE Vivid7
* Platforms: Windows 2008, Win 7, Win2k8 server, XP, IIS
* IDE: Visual Basics, Visual Studios
* Browsers: Firestorm, Daqri, LewmarAR, StringAR, ARART, Layer3D, 3D FusionFX, AppeAR
* Emerging Media: WatchThatPage, Prezi, Wordle, Animoto
* Software: C++,Python, Photoshop, SPSS, 3eggs, Blender, OpenFX, Autodesk, DFusion, SecondLife, Unity3D Database: SQL, Oracle, Versant, DB2, Unix

**PROJECT MANAGEMENT EXPERIENCE 10yrs +**

* Cardiovascular information system operating room (CVOR) ($1.8M)
* GE CardioLab/MacLab network Installation ($1.5M)
* Boston Scientific IVUS System network installation ($850K)
* MUSE network Installation ($800K)
* Cardiology server room design and relocation project ($600K)
* WITT Hemodynamics installation project ($600K)
* Installation of Impax 6.0 on hospital computers ($400K)
* Vascular lab network integration project ($300K)
* Lab information systems ($300K)
* Neuro-Diagnostic network project ($200K)
* Workstations expansion to non-system physicians ($150K)
* Volcano network ($125K)

**TRAINING**

AGFA System Administrator, Philips Witt Hemodynamics System, GE MACLab/Cardiolab System, GE MUSE 7.0, AGFA Impax 5.0 Workstation, Heartlab Encompass System Administrator, Microsoft Windows Server Administration, Microsoft Windows XP Client,Microsoft Windows Server Administration, TCP/IP internet workings, Siemens Axiom Sensis, Welch Allyn Acuity Patient Monitoring System, Siemens Syngo Leonardo Workstation, Siemens Acom Net, Siemens AcomM.

**WORK HISTORY**

Trident University International May 2015-Present

***Adjunct Professor- Healthcare Informatics***

* Hospital Administration
* Introduction to Health Informatics
* Systems Analysis for Health Informatics
* Health Information System Security
* Information Systems in the Delivery of Healthcare
* Health Information Systems
* Quality Assurance in Hospital in Managed Care
* Quality Assurance in Hospitals/ Healthcare Organizations

Interactive Healthcare Designs

***Chief Scientist-Post Doc research*** April 2014-Present

* Develop research process (Qualitative, Quantitative, mixed methodology).
* Blogging
* Prototyping (Labonation, Benesh, Eshkol)
* Enterprise information systems, Social network analysis, Web commerce strategies.
* Information accountability strategies.
* Storyboarding and Swim lane familiarization.
* Wireframes designs (Annotations and Keyframes).
* Futuring analysis of trends in human computer interaction (Dephi methods)
* Touchless Gesture research (post-doctoral)
* Gestural interface design, Gesture interface research.
* Haptic analysis, Natural User Interface analysis.
* Strategic analysis of emerging media.
* Human Computer Interaction in Healthcare (paper)
* Social media in Healthcare (paper)
* Haptic applications for Healthcare research
* Low fidelity prototype testing (SecondLife)
* Kinect testing
* SecondLife scripting
* 3D modeling for Blue Ocean project (Doctoral research)

Beacon Partners ***CVIS Consultant (Contractor)***  April 2014-June 2014 Crouse Hospital (3 Cath Labs, 1 Pediatric Cath Lab, 1 EP Lab)

* Analyzed systems for upgrade
* Created strategic plan for optimization
* Analyzed workflow for improvement
* Create job descriptions
* Lead team for implementation and upgrades
* Developed protocols for triaging helpdesk calls
* Integration to Lumedx , Carto 3, GE Maclab

Precision Medical Services

***Biomedical Consultant (Contractor)*** October 2013-January 2015

* Healthcare equipment technician
* Analyzed systems for upgrade
* Created strategic plan for optimization
* Analyzed workflow for improvement
* Create job descriptions
* Lead team for implementation and upgrades
* Developed protocols for triaging helpdesk calls

Clayton County Schools, GA November 2012-April 2014

***Educator (Substitute)***

* Educate students in all subjects from K-12
* Develop lesson plans for students
* Mentor students

Wellstar Health Systems, Marietta, GA December 1999-October 2012

***Picture Archiving and Communications System Administrator (PACS)***

***Senior Biomedical Technician***

Wellstar system: (5 Hospitals, 800+ beds (system total), 10 imaging centers, 70+ physician

groups, 4 Health parks).

* Senior Administrator
* Healthcare/IT: (Cisco switches, Patch panels, port activation)
* PACS Administrator: AGFA impax 6.5, Impax workstations hp,
* Cardiovascular Information System Administrator: Siemens AcomNet, Heartlabs
* Hemodynamics Administrator: Seimens Axiom Sensis, Philips Witt.
* Electrophysiology systems administrator: Siemens, Cardiolab/MacLab
* Electrophysiology mapping system administrator: Calypso 3
* Biomedical Technician monitoring system: HP, Philips, Propaq
* Telemetry: Welch Allyn Acuity
* EKG systems: GE Muse, GE cardiology system integration.
* GastroInterology Lab support: Olympus
* Electrophysiology virtualization mapping support, Intravenous ultrasound, Echocardiogram cardiac output.
* Defibrillators: Physio-Control, HP, Zoll
* DaVinci robotic surgical system support.
* Technical support virtualization.
* Image virtualization support 3D.
* Technical support for critical care procedures.
* Customer service for Physicians.
* Developed protocols for preventive maintenance.
* Provided technical support for the hospital system.
* Configured modalities for departmental use.
* Cardiovascular Information System Specialist.
* Tested, Calibrated, Repaired medical equipment in for critical care areas.
* Biomedical support for ICU, Surgery, CCU

Grady Memorial Hospital, Atlanta, Ga. July 1996-January 1999

***Senior Biomedical Technician***

Grady System 900+ beds, 8 health centers, Level 1 trauma center

* Patient monitoring: HP and telemetry
* Defibrillator: Zoll, Physio-Control
* Electrosurgical Unit: Aspen Labs
* Test equipment: DynaTech Nevada for EKG, Defibrillator, ESU
* Troubleshoot Medical Equipment in critical care areas.
* Technical support for critical care procedures.
* Developed preventive maintenance protocol.
* Prioritized and scheduled project activities.
* Reported project status to upper management.
* Resolved all vendor issues, addressed customer service and customer satisfaction issue

**ACADEMIC CREDENTIALS**

**Doctorate, Computer Science-*Emerging Media* 7/2014**

*Colorado Technical University, Colorado Springs, Colorado*

**Masters of Business Administration-*Healthcare mgmt. /Project mgmt.* 9/2006**

*American Intercontinental University, Atlanta, Ga*

**Bachelor Information Technology-Information Systems 12/2004**

*American Intercontinental University, Atlanta, Ga*.

**Associates in Science-Biomedical Electronics Technology 8/1988**

*South Suburban College, South Holland, Ill*

**Associates in Science- Electronics Technology 6/1985**

*Cuyamaca College, El Cajon, Ca*

**Dale Carnegie –**LeadershipSkills Training **1/2015**

*Dale Carnegie Institute*, *Atlanta, Ga*

**Scrum Alliance- Certified Scrum Master 4/2015**

**COMMITTEES, INTEREST**

* Colorado Technical University Distinguished Doctoral Alumni Panel **2015**
* Colorado Technical University Doctoral Alumni Association **2015**-Present
* School Council- Mundy Mills High School (**President**) 2013-2014
* Georgia Biomedical Instrumentation Society (**Board member**) 2014-2015
* American Intercontinental University Alumni Association (**Board Member**) 2010-2012
* World Changers Church International (**Usher Board)** 1996-2015
* Restoration Community Resources Mentoring Program 2014-2015

**MILITARY EXPERIENCE**

UNITED STATES NAVAL RESERVES, FOREST PARK, IL 1987-1994

***Hospital Corpsman***

*Awards / Recognition:* **Navy Unit Commendation, National Defense Medal**