

John T. Knowles

REGISTERED NURSE · REGISTERED HEALTH INFORMATION ADMINISTRATOR

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📄 Summary

Effective and adaptable health information technology professional combines a background as a registered nurse and registered health information administrator with over six years of expertise in the healthcare field to promote delivery of high quality care, improve health outcomes, and lower healthcare costs.

- Committed to bringing nursing and health information technology together to improve patient outcomes
- Capable of leading teams to successfully achieve both short and long term goals
- Skilled data analyst capable of collecting, interpreting, analyzing, and visualizing healthcare data using MS Office, Python, R, and other tools
- Experienced educator capable of providing instruction to individuals and groups using effective methods to achieve student goals
- Able to deliver engaging and relevant presentations to healthcare providers, patients, and family members

👛 Work Experience

Qsource

Indianapolis, IN

HEALTH INFORMATION TECHNOLOGY SPECIALIST

Dec. 2015 - PRESENT

- Facilitate data-driven beneficiary and provider initiatives designed to increase patient safety and improve clinical quality
- Promote effective prevention and treatment of cardiovascular disease with recruited physician practices
- Help providers prepare for and implement transition to value-based payments by participating in QPP MIPS
- Collect, query, and analyze data from recruited healthcare providers and Medicare claims using MS Excel, Python, Pandas, NumPy, and R
- Create tables, graphs, and maps using MS Excel, Python, Matplotlib, Plotly, Ggplot, and Tableau to simplify presentation of complex data
- Convert data into actionable insights by designing individualized quality improvement initiatives using the Model for Improvement
- Monitor implementation of quality improvement efforts, and provide ongoing support
- Assist providers with successful use of healthcare IT to achieve system-wide efficiency, reduce readmissions, and lower costs
- Encourage provider reporting on measures that assess clinical quality of care, care coordination, and patient safety
- Deliver cardiovascular health presentations to beneficiaries, caregivers, and providers at healthcare conferences and special events

Harrison College

Anderson, IN

ADJUNCT INSTRUCTOR

Apr. 2018 - Sept. 2018

- Develop course objectives, syllabus, lesson plans, tests, and lab activities for Anatomy & Physiology I, Anatomy & Physiology II, and Health Information Management courses
- Engage students in active learning activities to encourage enthusiasm, discovery, and understanding of subject matter
- Utilize critical thinking exercises to encourage reasoning and investigative skills
- Assess student progress, identify at-risk learners, and aid development of problem solving and goal setting skills to ensure student success
- Handle sensitive and confidential student issues with tact and professionalism
- Maintain flexibility to meet the individual needs of students and campus

Fresenius Medical Care

Indianapolis, IN

CHARGE NURSE

Feb. 2014 - Dec. 2015

- Provide specialized nursing care to patients with chronic renal failure utilizing home hemodialysis or peritoneal dialysis modalities
- Collaborate with interdisciplinary care team to assess, plan, and implement care plans to meet patient goals
- Monitor treatment regimen to ensure efficacy of treatment
- Assess patient and family learning readiness and provide appropriate education on renal disease, dialysis treatment, and medical regimen and its impact on the patient's health and wellbeing
- Instruct new patients, caregivers, and newly hired nurses on proper administration of peritoneal dialysis, aseptic technique, infection control, fluid status monitoring, and troubleshooting dialysis issues
- Administer medications and vaccines as ordered by physician
- Perform home visits upon initiation of home dialysis, and thereafter as needed
- Provide supervision and direction to nursing staff in accordance with policies, procedures, and guidelines
- Prepare monthly schedules for nursing staff and patients
- Compile patient performance data and generate monthly reports to inform medical team and drive decisions to improve clinical outcomes
- Review patient charts and electronic health record documentation for appropriateness of care

Community Health Network

Indianapolis, IN

CRITICAL CARE STAFF NURSE

Jul. 2012 - Feb. 2014

- Prioritize nursing care for assigned patients based on results of assessment and identified needs
- Assess critical care patients and analyze laboratory data to determine interventions needed
- Observe behavior and symptoms and report changes to on-call physicians
- Set up and monitor medical equipment and devices such as cardiac monitors, mechanical ventilators, oxygen delivery devices, transducers, and pressure lines
- Administer medications intravenously, by injection, orally, through gastric tubes, or other methods as appropriate
- Administer blood and blood products; monitor patient for signs and symptoms of transfusion reactions
- Draw or collect laboratory test as ordered
- Document patient medical history and assessment findings in the electronic health record
- Collaborate with case managers, physicians, respiratory therapists, social workers, dietitians, physical/occupational therapists, pharmacists, patients, and family members to create and implement individualized plans of care
- Maintain ongoing communication with patients, family members, caregivers, and the interdisciplinary team.
- Assist physicians with procedures such as endotracheal intubation, lumbar punctures, thoracentesis, insertion of chest tubes and central venous catheters
- Delegate tasks as appropriate to patient care technicians and student nurse externs
- Provide emergency care, CPR, and defibrillation as needed

EPIC SUPER USER

Jul. 2012 - Nov. 2013

- Assist EPIC trainer with classroom instruction prior to Go-Live
- Provide one-on-one support to physicians, nurses, and patient care technicians during implementation of EPIC electronic medical record system
- Troubleshoot problems as encountered and report critical issues to the EPIC Go-Live project team to ensure prompt resolution
- Promote the benefits of using the EPIC electronic medical record system and foster a positive experience during the transition period
- Continue long term support to users after completion of Go-Live
- Participate in regularly scheduled Super User, upgrade testing, and optimization meetings and communicate lessons learned back to users

STUDENT NURSE EXTERN

May 2011 - Jul. 2012

- Monitor and record vital signs, intake and output, and blood glucose measurements
- Provide ICU/PCU patients with activities of daily living including ambulation, turns, toileting, bathing, feeding, and range of motion exercises
- Report changes in patient condition to staff nurses
- Assist with patient admission, transportation, transfer, and discharge
- Prepare recently vacated rooms for new patients
- Observe procedures and treatments performed by physicians, nurses, and respiratory therapists
- Perform CPR as needed

Hamilton Madison Shelby Educational Services

Pendleton, IN

LIFE SKILLS CLASSROOM AIDE

Aug. 2009 - Apr. 2012

- Oversee arrival and departure of students daily; assist students on and off school buses
- Assist students with feeding, toileting, and other life skills
- Instruct students individually and in small groups to achieve classroom objectives
- Adapt activities to support individual student goals
- Escort and assist students daily during interactions with general education population
- Assist students with personal care and mobility using appropriate assistive devices
- Provide input on development and revision of Individual Education Plan prior to annual meeting
- Supervise students in absence of teacher

Education

Western Governors University

Indianapolis, IN

B.S. IN HEALTH INFORMATICS

Jan. 2014 - Dec. 2016

- Awarded December 20, 2016

Ivy Tech Community College

Anderson, IN

A.S. IN NURSING

Sept. 2009 - May 2012

- Awarded May 6, 2012

Licenses & Certificates

AHIMA

REGISTERED HEALTH INFORMATION ADMINISTRATOR

- License #209263

Indianapolis, IN

Feb. 2017 - PRESENT

Indiana State Board of Nursing

REGISTERED NURSE

- License #28204027A

Indianapolis, IN

Jul. 2012 - PRESENT

CompTIA

PROJECT +

- Certificate Verification Code: 8YN9P4XMPG41CH7G

Indianapolis, IN

Jun. 2016

HEALTHCARE IT TECHNICIAN

- Certificate Verification Code: 1BTSNKG3NK14KB33

May 2016

Community

American Heart Association

VOLUNTEER

- Participate in American Heart Association special events
- Teach Hands Only CPR and proper use of blood pressure devices

Indianapolis, IN

April 2017 - PRESENT

Mounds State Park

VOLUNTEER

- Photograph various plants and animals for use by state park interpretive service
- Remove trash and debris from park under the guidance of naturalists

Anderson, IN

April 2009 - PRESENT

The Christian Center

VOLUNTEER

- Prepare and serve meals to residents and community members
- Engage in social interactions with residents

Anderson, IN

August 2009 - April 2012