KENNETH DAWSON

3A SYSTEMS DESIGN ENGINEERING

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SKILLS SUMMARY

- Programming: Java, Python, JavaScript, HTML5, CSS
- Databases: SAP HANA, SQL Server, MySQL
- Source Control: Git, SVN, P4
- Created innovative predictive maintenance software using SAP HANA to analyze Big Data in real-time
- Instrumental in object oriented development of an automated auditing application for global investment fund partners
- Presented software demos to executive management including CEO, Vice-Presidents and Directors
- Ranked top sales executive ($40,000+ qualified leads, $20,000 revenue in one quarter)
- Led software development and proven track record of executing beyond expectations

WORK EXPERIENCE

Software Developer, Emerging Technologies, SAP, Waterloo, ON, Jan 2015 – Apr 2015

- Developed predictive maintenance software using SAP HANA to analyze big data in real-time
- Worked with distributed systems to consolidate data from many nodes
- Followed strict SCRUM methodology and worked in an AGILE work environment
- Experience developing applications using Internet of Things concepts and objectives
- Presented software to SAP's senior executives SVP, VP's

Software Developer, Research & Development, SAP, Markham, ON, May 2014 – Aug 2014

- Developed SAP Insurance software product line and shipped code used by billion dollar companies
- Generated solutions for the Insurance product line using Java, JavaScript, extJS, SQL, CSS
- Drove initiative to create SAP Insurance central knowledge repository for SAP Shanghai & Nanjing
- Solid experience designing complex object oriented solutions, algorithm design, and driving initiatives to build optimization tools
- Constantly iterating, building and working towards shipping code to meet strict deadlines

Analytics Analyst, Assurance & Advisory, Deloitte, Toronto, ON, Sept 2013 – Dec 2013

- Instrumental in object oriented development of an automated auditing application for global investment fund partners using Python with Django framework
- Developed modular, scalable application using best practices
- Used XML to query Reuters API
- Optimized application design by using Big O analysis and PyLint during development
- Worked with open source libraries including Celery, RabbitMQ, PyLint
- Managed business requirements and successfully incorporated innovative solutions into application
- Understood the project deliverables/priorities and managed expectations accordingly
- Created quality assurance methodology to assess functionality/ user experience of the application

Business Systems Analyst, Systems Consulting, CIBC, Toronto, ON, Jan 2013 – Apr 2013

- Generated technology solutions internal CIBC clients using Oracle PeopleSoft 9.1 and IBM Emptoris Contract Management Systems
- Consulted and configured solutions in both Oracle PeopleSoft and IBM Emptoris environments
- Proactively managed requests for change, resource allocation, and System Consulting SharePoint site
- Led intake meetings to update management and peers of statuses, timelines, and issue resolution
- Developed comprehensive process models to define scope of Quality Assurance and Business Analysis teams
- Received outstanding performance evaluation and the CIBC Technology Achievement Award for being the Top Co-operative student

PROJECTS

- Internet of Things M2M communication, interface sensors with management software
- SAP's 48 Hour App Challenge, development of Android app SOBR, blood alcohol level monitor

EDUCATION

Candidate for Bachelor of Honours Systems Design Engineering, Co-operative Program, University of Waterloo, Waterloo, ON, 2012– 2017.

- SAP Leadership Certificate
- CIBC Top Co-operative Student Award
- Professional Engineers of Ontario, Student Member

REFERENCES

Kenneth was asked to develop an automated system for the hospital's new Enterprise Risk Management Program. The primary users of the automated system would include Board members and Senior Leaders. Kenneth worked diligently to design a system that was extremely user friendly and visually interesting and appropriate. Kenneth worked independently and was extremely enthusiastic in his approach. He was customer focused in his approach with myself and the rest of the senior leaders. He immersed himself in this initiative and his hard work was evident in the end product. It was a pleasure to have Kenneth work with us. I hope that he will be back with us in the future.

- Vice President, Quality and Patient Safety

Personally, I feel that Kenneth exceeded expectations as compared to other coop students in the department. He has put passion to work and genuinely enjoyed all the challenges the position had to offer. Kenneth was always timely in his work and completes it as quickly as possible without compromising quality. He has positioned himself more as a full time employee rather than a coop student. Kenneth has earned the trust and credibility to be given task equivalent to that of a full time employee rather than a coop student. Kenneth's achievements here have made significant contribution to our team enabling it to be more structured, process-driven and organized. His work has undoubtly benefitted leads and management.

- Team Lead, Finance Technology Systems Consulting