

# Implementation of Python based EHR/EMR Software Prototyping Informatics Framework – A Novel & Simple Algorithm Using spaCy+Theorem Prover+Data Bases+QRNG Concepts+Deep Learning Methods.

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## [I] Inspiration + Abstract :

Exploring Design of Algorithms Using [ Python/LLVM-spaCy NLP-XML ] + interfacing with [ Base X – XML High Performance Data Base System ] & [ Mongo Data Base/NoSQL DB-Python ] System in the Context of Electronic Health Records [ EHR ] Software Research involving - [ NLP + QRNG/ QRNG-Services/qrng-Devices+Z3 Python API-Theorem Prover +IoT+HPC -High Performance Computing ] Tools.

**Keywords :** EHR/EMR/spaCy/Z3 Theorem Prover – Python API/QRNG/Deep Learning/AI.

## [II] Introduction :

<https://www.capterra.com/electronic-medical-records-software>  
<https://www.practicesuite.com/blog/ehr>  
<https://quizlet.com/230454281/chapter-3-introduction-to-electronic-health-record>  
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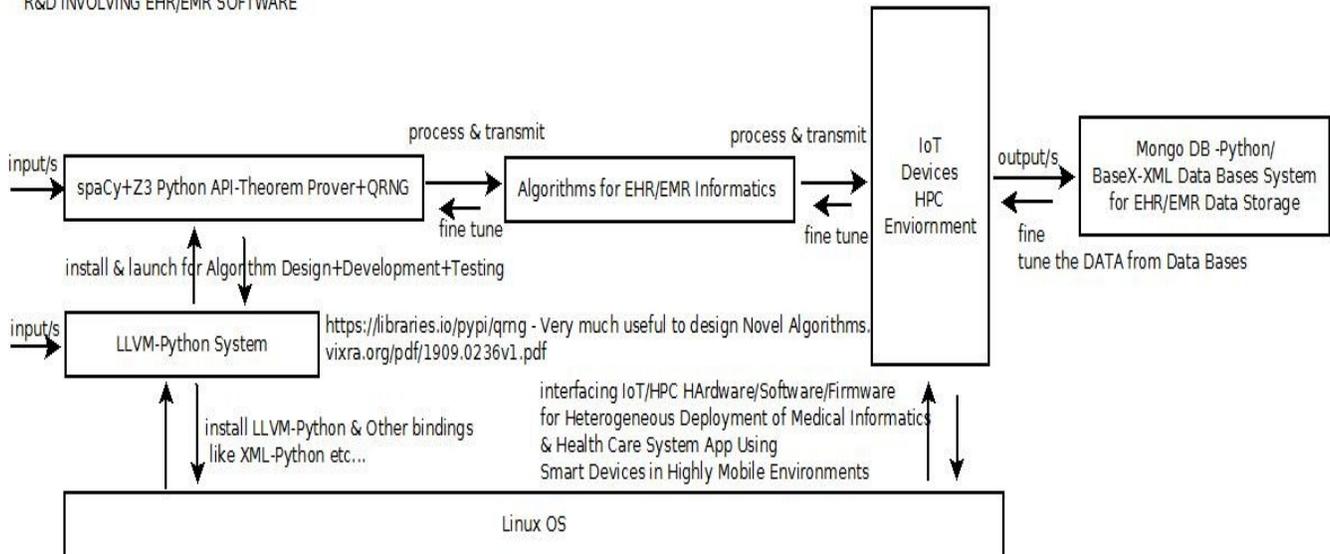
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<https://hbr.org/2018/12/using-ai-to-improve-electronic-health-records> – Using AI to Improve Electronic Health Records by [Thomas H. Davenport](#)/[Tonya M. Hongsermeier](#)/[Kimberly Alba Mc Cord](#) in December 13, 2018 \*\*\*\*\*

**[III] Python Based Health Care Informatics Framework Implementation :**

ALGORITHM - SIMPLE SUGGESTION - qrng+DEEP LEARNING BASED NEXT GENERATION HEALTH CARE INFORMATICS FRAMEWORK FOR R&D INVOLVING EHR/EMR SOFTWARE



Approximate Suggestion & Implementation of EHR/EMR Informatics System Involving spaCy+z3 Python API+qrng-lib/python +IoT/HPC - Hardware/Software/Firmware.  
 Testing in Progress with some results.  
 Actual implementation Will Certainly Vary-Please Check.  
 Not all the details are shown.  
 Short Technical Communication.  
 Thanks - Dr.Nirmal

**[ Figure I – Algorithm I – Our Novel Healthcare Informatics Framework for EHR/EMR Software Prototyping ]**

**[IV] R&D Related Information (((via))) Vixra.org :**

- [a] [www.vixra.org/author/nirmal\\_tej\\_kumar](http://www.vixra.org/author/nirmal_tej_kumar)
- [b] [www.vixra.org/author/n\\_t\\_kumar](http://www.vixra.org/author/n_t_kumar)
- [c] [www.vixra.org/author/d\\_n\\_t\\_kumar](http://www.vixra.org/author/d_n_t_kumar)
- [d] [www.vixra.org/pdf/1803.0124v1.pdf](http://www.vixra.org/pdf/1803.0124v1.pdf)

**[V] Acknowledgment/s :**

Special Thanks to all WHO made this possible in my LIFE. Non-Profit R&D.

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