

Benjamin N. Rubin

INTERFACE ANALYST

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Work Experience

Saint Peters University Hospital

New Brunswick, NJ

SENIOR INTERFACE ANALYST

2013 - Present

- Lead team to a successful transition of HL7 interfaces for 30+ vendors from McKesson STAR to McKesson Paragon
- Designed ADT interfaces and message workflow between McKesson STAR, McKesson Paragon, and Athena
- Implemented new HL7 interfaces for various vendors across numerous projects
- Built interface status dashboard using Graphite and Grafana
- Developed web application to manage patient merges
- Developed application to send real-time 30-day readmission alerts to clinicians
- Implemented log aggregation system

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DATABASE ADMINISTRATOR

2008 - 2013

- Developed SQL extracts based on vendor and user supplied specifications
- Developed file transfer and automation scripts
- Built alerting system for automated scripts and interface services using Icinga
- Responsible for system administration of interface servers
- Developed and maintained documentation standards for programming projects throughout department
- Customized and tested HL7 interfaces between clinical and financial systems
- Tested and troubleshooted HL7 and RTF history exports from Cerner Millennium to McKesson Horizon and McKesson Patient Folder
- Provided guidance to clinical and business users on new projects and applications

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INTERFACE ANALYST

2007 - 2008

- Customized and tested HL7 interfaces between clinical and financial systems
- Programmed SQL and CCL reports for in-house use

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JUNIOR DBA

2004 - 2007

- Converted legacy AS400 reports to Cerner Millennium using SQL and CCL
- Helped test HL7 interfaces between Cerner Millennium and other clinical systems

Education

Middlesex County College

Edison, New Jersey

A.S. IN COMPUTER SCIENCE

2005 - 2012 (nights)

University of Delaware

Newark, Delaware

2001 - 2002

Rutgers Preparatory School

Somerset, New Jersey

Graduated 2001

Skills

Programming

Python, Bash, SQL, Tcl

Tools

Flask, Icinga, Graphite, Grafana, Graylog

Software

Infor Cloverleaf, Microsoft SQL Server, Crystal Reports, McKesson Horizon, McKesson Paragon

Other Activities

Ubuntu

2008 - Present

MEMBER

- Provided sustained contribution to the Ubuntu project through support and advocacy

Ubuntu IRC Team

2007 - Present

OPERATOR

- Provided support to users for Ubuntu Desktop and Server editions
- Maintained a productive environment for both new and old users seeking support
- Maintained IRC bot and website for team and community members

Ubuntu IRC Council

2008 - 2010, 2011 - 2016

COUNCIL MEMBER

- Mediated IRC issues between users, operators and other community members
- Mentored new operators
- Wrote and maintained policies and procedures for IRC community