

# JOSHUA S EMAS, M.Sc.

Philadelphia, PA

215.510.0423

JoshEmas1@Gmail.com

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**EXPERIENCE:** **ORCHESTRALL INC**, Philadelphia, PA November 2013 – Present  
*Consultant – Business Systems Analyst*

- Effectively utilize information systems to help achieve strategic business goals for a leading health insurance provider.
- Conduct and analyze research in order to address specific business needs in accordance with the strategic goals of the organization to further ensure efficient and effective solutions.
- Directly communicate with business stakeholders and effectively present research and key findings.
- Analyzed and modeled Epic EHR data for integration to data warehouse via ETL process.
- Collaborate with Sr. Director to evaluate; test and design BI solutions to further determine feasibility of implementation.
- Developed, designed, and built reporting dashboards and NoSQL databases using MongoDB for testing with BI tools as part of the research process.
- Designed and wrote scripts using Python to parse OCR scans of EMR data into JSON format to be loaded into NoSQL database.

**BDP INTERNATIONAL**, Philadelphia, PA April 2011 – December 2012  
*Business & Systems Integration Analyst*

- Collaborated with management to identify software enhancements for an Enterprise Resource Planning system (ERP) in order to reduce inefficiencies and improve processes.
- Provided customer support and logistics solutions for a company with a global presence specializing in international chemical shipments.
- Managed international chemical shipments for a Fortune 100 company and identified, diagnosed and corrected issues through data analysis in order to reduce disruptions of global supply chains.

**SKILLS:** *Healthcare:* HL-7, Health Information Exchange (HIE), Cerner EHR, EMR  
*Databases:* SQL Developer, Oracle, Access, SQLServer, TeraData, MongoDB  
*Project Management:* MS Project, Visio, Requirements Gathering, Workflow Analysis  
*Business Intelligence:* Tableau, SAP, Cognos, PowerView, PowerPivot SSRS, SSAS

**EDUCATION:** TEMPLE UNIVERSITY - Philadelphia, PA  
*Master of Science, Health Informatics - May 2014 | GPA: 3.59*  
*Bachelor of Arts, Political Science / Economics - May 2010*

**SELECTED COURSES:**

- Project Management
- Health Data Standards
- IT for EHR Systems
- Reimbursement Systems

**HEALTH IT PROJECTS:**

- Analyzed EHR system and gathered requirements for mobile technology integration.
- Conducted an in depth analysis of a Hospitals HIPAA compliance program as it related to IT department.
- Determined feasibility and cost savings to utilize cloud services in hospital environment