

JOSHUA J. ERB

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SKILLS

Technical

- Languages: Python, Bash, SQL, R, HTML
- Databases: PostgreSQL, IBM Netezza Data Warehouse, MongoDB
- Development Management: git, virtualenv, GitHub, Jira, Confluence, Asana

Additional Tools

- Tableau, Adobe Analytics, Adobe Captivate

Languages

- French (Proficient)
 - Moroccan & Standard Arabic (Basic)
 - Polish (Beginner)
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RELEVANT EXPERIENCE

Excella Consulting

Senior Consultant | Apr. 2016 – Present

- Maintained, executed, and validated a Big Data model for the consumer loyalty program of a Fortune 500 hospitality company with +75 million members and +6,000 participating properties worldwide
- Improved the model's net revenue accuracy by +\$17 million
- Defined and implemented requirements for development so client could run model directly
- Generated and presented in-depth analysis on the performance of digital merchandising placements and presented insights and recommendations to business owners
- Coordinated multiple teams, ensuring +25 new websites launched with accurate data capture

M Powered Consulting

Business Analyst | Jan. 2015 – Apr. 2016

- Crafted strategic recommendations for the Stakeholder Engagement and Organizational Change Management Division to improve the federal client's understanding of a software development project's potential impacts for +32,000 users
- Optimized data gathering processes to decrease the level of effort on client-facing reports and work products

University of Chicago, Department of Geography

Research Assistant | Sep. 2013 – Sep. 2014

- Conducted primary-source archival research informing multiple academic projects, including a forthcoming book on the geographic morphology of 19th century breweries in San Francisco, CA
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EDUCATION

University of Georgetown School of Continuing Studies

Data Science Certification | Sep. 2016

University of Chicago

M.A. Social Science | Sep. 2014

University of Illinois Champaign-Urbana

B.A. Global Studies, French Minor | May 2013