Alexandre M. Guy

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SKILLS

Technical: Ruby/Rails, SQL, Postgres, SQLite, HTML5, CSS3, Bootstrap, Git, Tableau, VBA, MS Office Scripting, Agile, Test Driven Development, JavaScript, .NET

EXPERIENCE

THE IRON YARD   Washington, DC
Back-End Engineering Student   October 2016 – January 2017
- Built complex web applications and API's using Rails, Ruby, Postgres, HTML/CSS and JavaScript while using industry best practices like test driven development and the agile methodology.
- Created a website for a Wikipedia game where the goal is to navigate from one random article page to another by only clicking available links. The code stores the number of clicks a user has made per game, renders pages in the same format as Wikipedia without leaving the game site, and creates a visual graph of the paths taken. View it here: https://goo.gl/u5MEkT
- Developed an online shopping experience for a mock online bakery, as part of a team of four, using Ruby on Rails, Heroku, and HTML with CSS and Bootstrap. Following an agile process, we used Git for version control and applied the client's API to manage a Just In Time Manufacturing and delivery service.

KCIC   Washington, DC
Consultant   April 2016 – September 2016
- Created VBA automations in Access and Excel, linking to data in SQL, to create weekly reports saving approximately 17 hours a week.
- Performed a series of allocation scenarios for a $190 million dollar insurance portfolio to help counter a lawsuit. Allocation methods included appropriate VBA code block updates and use of Excel to perform supplemental analysis of allocation results.
- Created Microsoft SQL Server stored procedures to automate monthly escrow account billing. Lead the integration and testing efforts of our team, while maintaining oversight of normal workflow.

THELAN CONSULTING   Washington, DC
Project Management Consultant: Subcontracted at Deloitte Consulting LLP   April 2015 – March 2016
- Developed a series of comprehensive, interactive Tableau dashboards to reveal process-related improvement opportunities and report monthly metrics on Key Performance Indicators (KPIs) to an Executive-level audience.
- Used VBA code to create multiple Excel macros across a portfolio of 5 technical projects; approximately 12 combined hours of manual labor per week was saved.
- Led a team at Thelan Consulting to build dynamic Tableau maps for three different dashboards.
- Created an information pipeline in VBA for a nonprofit called "A Dollar a Tree" to automatically update a Tableau dashboard showing donors the planting location of tress to they donated.

DEPARTMENT OF ENERGY   Washington, DC
Program Support Specialist   December 2014 – March 2015
- Reviewed incoming applications for legislative policies and programs to determine if financial requirements were met and whether projects were eligible for government financial support based on the RFP requirements.
- Analyzed DTE Energy's financial statements (income statement, balance sheet, cash flow, and discounted cash flow) to determine projected four-year financial risk and created an interactive model for forecasting financial growth.
- Created a document in Excel that automatically turned raw, unorganized data into a dynamic budget report with organized tables and changing graphs that was sent out to 6 sub-departments on a monthly basis.

HOWELL PARTNERS   Bryn Mawr, PA
Marketing Research Assistant   September – November 2014
- Compiled data using Excel on 20,000 doctor licenses in five counties to create a report that detailed the demographics of the physician population in the immediate area. Used compiled data to create a structured messaging campaign for a local bank.

ALLIANCEBERNSTEIN   New York, NY
Junior Associate Portfolio Manager   March – May 2014
- Initiated equity and mutual fund trades based on client asset allocations, portfolio targets, and account management guidelines.
- Evaluated equity and cash positions to identify outliers and specific situations that required additional resolutions.

EDUCATION

The Iron Yard, January 2017, Back-End Engineering with Ruby on Rails
Georgetown University, September 2016, Data Analytics Certification for Data Science
The George Washington University, December 2013, B.B.A. concentration in International Business