

Andrew R. Pagan

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SUMMARY OF QUALIFICATIONS

- **Programming Languages:** JavaScript, HTML, CSS, Google App Script, Ruby, Java
- **Data Visualization:** Tableau
- **Databases:** Oracle SQL, Postgres
- **Version Control:** GIT, BitBucket
- Business operations lead developer

EXPERIENCE

Genentech, Business Analyst (05/2017–Present) South San Francisco, CA

- Reconciled financial data for 16 cost centers, reducing expenditures by 20% as a result of creating analytics platform for manager's decision making.
- Maximized work allocation to utilize an additional 15 hours of work time per week by redesigning front end UI for proprietary Facilities web application to capture additional available resources.
- Gathered requirements and led development of department-wide savings application which centralized \$2.4 M by integrating data visualization and automated querying of databases via JavaScript scripts.
- Scripted applications using Python frameworks (Pandas, Numpy) to clean and organize large data sets for data visualization platforms.

Hitachi Data Systems, Software QA Engineer (01/2017–04/2017) Santa Clara, CA

- Facilitated software testing to provide feedback to developers as part of the software development cycle.
- Expanded internal QA libraries with Python scripts that identified potential hazards to software deployment.
- Streamlined the product-to-market pipeline by reproducing bugs and implementing preventative measures via Python scripts.

EDUCATION

University of California Santa Barbara, B.S. in Computer Engineering, June 2016
Lieutenant Governor, Circle K International

PROJECTS

devmatchapp.com (11/2017–01/2018)

- SaaS application created with Ruby on Rails to bring together developers, entrepreneurs, and investors.
- Integrated with eCommerce and dynamic pages for unique free member and monthly paid subscription privileges.
- Implements multiple APIs and frameworks (Figaro, Devise, Stripe, Bootstrap, Paperclip, jQuery).