

Paul J. Anderson

1413 Belmont Ave.
Seattle, WA 98122
(541) 954-8082
info@paul-j-anderson.com

Software Developer

Data Engineer and 10-year veteran of the web industry. Proven analytical and intuitive problem solver with deep knowledge of business intelligence, relational database management, data modeling and ETL development. Quick-learning and creative programmer seeking challenging work in an innovative environment. Skilled at extracting business insights from large datasets and communicating technical complexities to non-technical stakeholders.

TECHNICAL SKILLS

Programming Languages:

- Database: Microsoft SQL Server, PostgreSQL, MySQL
- Object-Oriented: Python, Objective-C, PHP

Design Patterns:

- Relational Data Modeling and Data Warehouse Design
- Master Data Management
- MVC

ETL, BI, Analytics, Cloud and Dev Tools:

- CloverETL
- Cloud Computing: Microsoft Azure, AWS, Google Cloud
- Tableau
- Linux/Bash command line tools and shell scripting

EXPERIENCE

Senior Freelance Software Developer, Rational Interaction, Seattle, WA (Sept. 2017 – Present)

Rational Interaction is a full-service marketing agency.

- GTM Demand Generation: Developed SQL infrastructure and Python ETL code for a digital marketing data warehouse.

Business Intelligence Software Developer, Accretive Technology Group, Seattle, WA (Aug. 2015 – Dec. 2016)

Accretive Technology Group is an industry-leading developer of enterprise-scale streaming video technology. Projects included:

- Data Warehouse: Collaborated on design of ETLs and MySQL snowflake schemas to disambiguate and store 15 years of financial transaction data
- Python Cloud ETLs: Developed a proprietary ETL library in Python for data transfer to Google BigQuery, featuring implementation of BigQuery and MySQL libraries and a fast join algorithm.
- Business Analytics: Used Tableau to gather deep insights into user spending behavior patterns.

ETL Engineer, Porch, Seattle, WA (Sept. 2013 – May 2015)

Porch is a startup focused on disrupting the home improvement market, using big data to connect homeowners with qualified professionals. Projects included:

- Organization Ingestion: Developed an ETL process for ingesting, cleaning, analyzing, validating large raw datasets (up to 16 million records). Created aggregation algorithms for matching business partners' data to Porch's models.
- JSON Company Management: Developed an all-purpose ETL harness for accessing and updating normalized MDM data as JSON payloads via REST APIs.
- Project Identity: Developed a natural keyset analysis process to detect duplicate data.
- Training: Trained junior staff on PostgreSQL, Data modeling principles and Excel.

Paid Search Marketing Analyst, Mercent Corporation, Seattle, WA (Dec. 2011-Jan. 2013)

Mercent is a digital marketing technology and agency services company. Primary duties included data-driven analysis and management of Search Engine Marketing (SEM) campaigns for digital retail sites. Projects included:

- Del Mar Designs: Ceiling fans and Lighting (delmarfans.com)
- EyeSave: Discount Eyewear (eyesave.com)
- Forplay Catalog: Apparel (forplaycatalog.com)

Senior Campaign Manager, Marchex, Eugene, OR & Seattle, WA (Dec. 2007 – Dec. 2011)

Marchex is a call advertising and small business marketing company. Duties included SEM management and digital marketing for clients with annual ad spend over \$1M. Clients included:

- AT&T Interactive
- Real Networks
- Radisson Hotels
- PRIMEDIA

VOLUNTEER SERVICE

St. Vincent DePaul Food Bank, Corvallis, OR (Jan. 2017 – Ongoing)

- Developing a secure database to ensure the privacy and safety of vulnerable citizens in need of food.
- Acting as a consultant for addressing the organization's technology needs.

Hollow Earth Radio, Seattle, WA (Jan. 2013 - Ongoing)

- Archived and documented digital audio recordings of live musical performances.
- Performed setup and Front-Of-House mixing for concerts in a variety of venues.
- Trained other volunteers on live audio production basics.