

# Terry Cabeen

I work at the intersection of Data and People  
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## Purpose

From product design to communication with senior management, I collaboratively develop efficient systems to deliver complex information.

## History

### ABB Inc, Broomfield, CO

2015-05 — present

#### Data Manager and Scrape Team Lead

##### *Narrative*

Scraping, parsing, and loading tremendous amounts of data in a high-availability analytics program used by some of the largest energy providers in North America. Velocity Suite is the industry-standard data analysis platform for the energy industry and contains everything from electrical generation and transmission data, through interchange and load data, to consumption and pricing data.

##### *Tools*

Oracle SQL, Perl, Visual Studio, and standard business applications

##### *Achievements*

- Rewrote the scrape for all CAISO data consolidating over 80 scripts into just 2 with a third script that permits analysts to “rescrape” any missed data on-demand
- Maintain existing scrapes and ETL processes ensuring complete data availability
- Leading the scraping team through a project management shift from a custom Oracle Forms implementation with SVN to Visual Studio Team Services with an integrated Git workflow
- Working with European team to make cross-continent development more consistent, less redundant, and more productive

### Jetpack Ready, Denver, CO

2012-03 — present

#### Co-Founder and Project Lead

##### *Narrative*

I and Jake Shivers so enjoyed our collaboration at Healthgrades that we started a concierge consulting company to further explore our potential as a team. That potential turns out to be great. We have tackled data translation, custom wordpress development, and branding issues for multiple clients. We pride ourselves on the high level of customer satisfaction we maintain.

##### *Tools*

WordPress, PHP, MySQL (command line and workbench), HTML5, CSS3

##### *Achievements*

- Designed and Developed a custom WordPress site for Fusion Specialties [<http://fusionspecialties.com>], the largest mannequin manufacturer in the world, using the Divi theme and a great deal of custom CSS
- Created a custom responsive site template for Crocs corporate site [<http://company.crocs.com>] using brand guidelines from consumer site, incorporating easily updated widgets, a blog, dozens of unique pages, and full social media integration. Project was completed ahead of schedule and under budget
- Engineered a custom patent lookup template for Crocs corporate site [<http://company.crocs.com/ip/>]
- Developed an SSIS-based translation engine to migrate aggregate Clinica Tepeyac data to Denver Public Health

## Envysion, Louisville, CO

2013-03 — 2015-02

### Senior Database Developer

#### *Narrative*

Developing and enhancing a video-centric business intelligence platform with billions of records to meet loss prevention and quality objectives for multiple large-scale clients.

#### *Tools*

MySQL (command line and workbench), Apache Subversion, Linux command line tools

#### *Achievements*

- Rearchitected existing platform to improve logical structure and meet the demands of a rapidly growing business without disrupting day-to-day operations
- Improved report speed through efficiency enhancements and indexing
- Built brilliant new reports to add value to core product offerings and improve customer satisfaction

## Reed Group, Broomfield, CO

2012-02 — 2013-03

### Software Engineer

#### *Narrative*

Maintained and expanded my knowledge base in Microsoft SQL Server while gaining some basic knowledge in C# programming and a more thorough understanding of the software development and deployment cycle.

#### *Tools*

Microsoft SQL Server 2008 R2 & 2012, Visual Studio 2010, Team Foundation Server, Source Control, Sharepoint, Office, Visio

#### *Achievements*

- Developed new system functionality according to specifications in an Agile process using solution descriptions, architect review, independent development (through SQL schema, functions, stored procedures), and collaborative development (through C#)
- Identified and eliminated bugs in new and existing code supporting hundreds of clients in a multi-tenant SaaS system
- Improved the build and deployment process

## HealthGrades, Denver, CO

2009-02 — 2012-02

### Database Developer and Product Owner

#### *Narrative*

Broadened and deepened my Microsoft SQL Server skills with emphasis on clarifying requirements and rewriting scripts, stored procedures, and entire processes to more efficiently fulfill those requirements. I built many strong inter-departmental relationships for the purpose of improved communication with the ultimate goal of improving the quality, readability, and timely delivery of products.

#### *Tools*

Microsoft SQL Server 2005 – 2008, Integration Services, Visual Studio 2008, Team Foundation Server, Source Control, Sharepoint, Office, Visio

#### *Achievements*

- Rewrote dozens of scripts, reducing development (of enhancements) time by 90% and reducing processing time by up to 99.5% (literally)
- Replaced an approximately four month, 1900 person/hour manual process with a series of ETL scripts that complete the process in 20 minutes and reduce QA effort to a day or two
- Demystified and clearly documented archaic processes that no remaining employees understood or could explain (update: since leaving, this process documentation has continued to be tremendously useful)
- Mentored and trained peers to relentlessly pursue 100% bug-free code that simplifies processes and is clearly documented
- Cleaned up historical scripts and entered them into TFS with proper versioning control

## Sun Microsystems, Broomfield, CO

2008-09 — 2009-02

### Data Merge Contractor (through NetPolarity, Inc)

#### *Narrative*

Researched customer accounts through Oracle SQL to determine duplicate accounts for merge candidates. Merged appropriate duplicates through a proprietary tool.

#### *Tools*

Oracle, Linux, Proprietary CRM software

#### *Achievements*

- Created and documented 45 minute merge process, including research scripts
- Ran merge batches with 100% accuracy (no rework)
- Resolved potential issues promptly by coordinating established resources

## Preferred Care Partners, Miami, FL

2006-05 — 2008-08

### Senior Operations Data Analyst, Audit & Recovery

from February 2007

#### *Narrative*

Conducted analyses and wrote reports to identify and recover provider overpayments. This required complex analysis of financial data with a solid knowledge of health data.

#### *Tools*

Microsoft SQL Server 2005, DTS, Access, Excel (including cubes), Crystal Reports, Various enterprise solutions

#### *Achievements*

- Created reports to recover over \$10 million in overpayments annually
- Simplified all recurring reports to improve maintainability, enrich results, and improve speed by as much as 70%
- Migrate millions of records from existing Medical Manager databases into new Facets system
- Trained scanning department in complex program and procedures, increasing accuracy by 300%

### Senior Data Analyst, Medical Economics

from May 2006

#### *Narrative*

Created new medical economics department with the director thereof to conduct analyses, generate reports, and build tools to improve risk adjustment and risk reporting to Medicare. Created a stand-alone chart review application that substantially improved speed and quality of the chart review process performed by certified coders. Identified discrepancies between patient acuity and Medicare records to increase annual payment by \$30 million.

#### *Tools*

Microsoft SQL Server 2000 – 2005, DTS, Access, Office, Crystal Reports

#### *Achievements*

- Developed mobile chart review application for collection and reporting of patient ICD9 diagnosis codes, reducing chart review time, from identification to completion, by 90% (7 hours per office), increasing accuracy by 50%, and improving the review candidate selection process
- Recovered 30 million dollars annually through patient risk adjustment
- Designed ad-hoc and recurring reports to support physician development, risk adjustment, and enrollment

## Neighborhood Health Partnership, Miami, FL

2004-09 — 2006-05

### Financial Analyst II, Medical Economics

#### *Narrative*

Analyzed patient data to identify inaccurate incoming and outgoing payments. Created ad hoc analyses and built repeatable reports and dashboards for executive review.

#### *Tools*

Microsoft Access, Excel

#### *Achievements*

- Analyzed data for special projects, one of which increased revenue stream by \$15 mil over 2 years
- Automated recurring reports for average time savings of 40 monthly person-hours

- Provided current and retroactive membership and retention for over 180,000 members
- Assembled reports for litigation support amounting to over \$3.5 mil in 2005

## Various Companies, New York, NY

2003-07 — 2004-09

### Independent Consultant

#### *Narrative*

Customized existing customer database for a major Manhattan financial services company. Created an ETL process for a music marketing firm. Processed boxes and boxes of legal documents through OCR software and returned hard drives of searchable PDFs for major national cases.

#### *Tools*

Microsoft Access, Office

#### *Achievements*

- Supported vital data translation projects for legal document imaging company; scanned terabytes of images with OCR text; created custom databases to index results
- Enhanced customer database to spec for major merchant banking firm, saving 20 man/hours per week
- Imported Excel sheets to Access db, scrubbed data, and improved interface for web marketing company

## Canterbury Financial Group, Stamford, CT

2001-12 — 2003-07

### Database Administrator, Information Systems

#### *Narrative*

Processed flat text files of insurance data into local databases using existing ETL processes. Reconciled and corrected data issues, communicating as needed with sources.

#### *Tools*

Microsoft Access, DTS, Office

#### *Achievements*

- Prepared and accurately processed monthly data files from varied formats into core database
- Resolved data issues through careful coordination with accountants, underwriters and agent programmers
- Created monthly and ad hoc reports for executives, accounting, underwriting, claims and regulatory entities
- Trained data-entry personnel, new employees, peers, and management on new applications or procedures
- Assisted with complex business analysis, programming, hardware and application support

## Education

### Purdue University, West Lafayette, IN

1994 – 1998

### Database Management and Data Analysis Course

2003

### Miami-Dade College

2005 – 2007

Non-degree courses for additional learning, including 3 semesters of Spanish

Outstanding Foreign Languages Student Award, 2007

### Certified Scrum Product Owner (through ScrumAlliance)

2015 – 2017

## Other Projects & Affiliations

### Denwhere(?), Denver, CO

2012-04 — present

#### Co-Founder and Board Member

#### *Narrative*

A non-profit dedicated to spurring economic development through community engagement

#### *Achievements*

- Launched 6 events with full 501(c)(3) backing
- Helped Ignite Denver manage finances and expand their reach
- Recruited a co-founder and others with campaign management, grant writing, non-profit management, and event coordination experience to further expand Denwhere's capabilities