

Daniel Emmons

Motivator - Mentor - Learner - Leader

www.danielemmons.me

306 Rumpf Avenue, Penndel, PA 19047

609-658-7449

dtemmons@gmail.com

A hands-on technology leader... As comfortable coding as I am coaching.

PROFESSIONAL EXPERIENCE

GrayHair Software, Inc., Mount Laurel, NJ (5/2017-Present)

Data Analytics Manager

Focus: Technical and Organizational Leadership, Team Building, Analytics, Data Engineering

- Manage and mentor a team of 6 data analysts.
- Manage hundreds of reports and data feeds on very large databases (>50 terabytes).
- Deliver products and services in Tableau, Intellicus, Crystal Reports, SQL Server, etc.
- Assist the CTO in driving organizational and technological change.
- Manage Agile software projects (Scrum or Kanban).

The Forerunner Group, King of Prussia, PA (5/2015-5/2017)

Chief Technology Officer (6/2016-5/2017)

Director of Technical Operations (5/2015-6/2016)

Focus: Technical and Organizational Leadership, Database and Application Architecture

- Bring cloud-based software solutions to market in the healthcare sector.
- Onboard customers, including multiple third party vendors and various data sources.
- Manage a team of software and database engineers of varying experience levels.
- Perform hands-on coding on various systems.
- Roll out pharmaceutical tracking system, built on .NET containerized micro-services, Angular, and SQL Server 2016.

PROFESSIONAL EXPERIENCE (cont.)

Bank of America/Merrill Lynch, Pennington, NJ (2014-2015) *Assistant Vice President - Senior Reporting Analyst*

Focus: Business Analytics, Data Visualization, Report Automation, ETL, Data Integration, Ad Hoc Reporting

- Design and automate ETL processes from an enterprise-scale IBM DB2 data warehouse, flat files, and other data sources to SQL Server data-marts using SQL Server Integration Services (SSIS).
- Anticipate and/or respond to business unit needs via SQL Server Reporting Services (SSRS) and ad hoc Excel based reports.
- Investigate and implement methods to streamline and automate reporting processes.
- Identify and advise business units of data mining and analytical opportunities.

Arcplan, Inc., Berwyn, PA (2010-2014) *Senior Solutions Architect*

Focus: Business Analytics, Data Visualization, Relational and Multi-Dimensional (OLAP) Database Platforms, and Object-Oriented/Visual Programming

- Design, develop and deploy enterprise-scale analytical solutions in areas such as budgeting/forecasting, finance, sales, and operational efficiency.
- Provide consultation regarding analytical scenarios, visualizations, and KPI tracking.
- Work closely with project teams to ensure timely and cost-effective implementations.
- Demonstrate software capabilities and proposed solutions to potential customers.
- Assimilate and mentor new team members.

CURRENT PROJECT

Serverless Web Application for Searching Product Data (July, 2019)

- Minimum viable product accomplished using the AWS cloud platform.
- Technologies utilized include DynamoDB, AWS Lambda with Python, AWS API Gateway, AWS S3, VueJS, Bootstrap4, Axios.
- Webscraper written to collect data using Python 3.7, Selenium, and BeautifulSoup.

TECHNICAL SKILLS

- Database Design and Technical Skills: SQL Server including SSAS, SSIS, SSRS; Oracle Products, MySQL, MongoDB, DynamoDB, Redshift
- Visualization Tools: Tableau, Qlik, Arcplan
- Programming Languages: Python, PHP
- Software Engineering Theory and Practice
- Web Development: HTML5, CSS, JavaScript, VueJS, Bootstrap, SSL
- Familiar with cloud technologies and concepts: AWS Lambda, API Gateway, CloudFront, S3
- Agile Methodologies (Certified ScrumMaster <http://bcert.me/sdthtllv>)

PERSONAL SKILLS

- Strong leadership and team-building expertise
- Able to establish rapport with both internal colleagues and external partners
- Solutions-driven and client-focused
- Solid presentation skills
- Ability to quickly assimilate new concepts
- Ability to imitate motivational speaker Matt Foley

EDUCATION

Villanova University, Villanova, PA
Master of Science in Software Engineering (2014)

INTERESTS

Martial arts, Music, Fitness

Alberto Janza
Chief Technical Officer
GrayHair Software
Phone number: 267-288-7189
Email: bertojanza@gmail.com

Mount Laurel, New Jersey, Jul 8th, 2019.

To whom it may concern,

I had the pleasure to work with Daniel Emmons during the last two years. During this time, I was the CTO of GrayHair Software, and Daniel reported directly to me. Daniel was the manager of our Analytical team, and he was considered the "second CTO" while I was absent from work.

Leader, coach, and mentor: Daniel helped to co-lead a tech force of 30 engineers, and he lead the Analytical team (5 engineers) in a fast paced and high demand environment. He joined the company during a difficult situation, and his leadership helped the company to get out of it. Daniel coached and mentored in his team, and across the entire organization, on customer service and technical excellence.

Commitment: As mentioned above, Daniel joined the company during difficult times. The company's systems couldn't guarantee their services due to scalability issues. Daniel's commitment to the company was incredible. He relentlessly pushed the company forward to a new culture, tech organization, and tech architecture, and by added a tremendous amount of extra hours to help with the delicate situation at hand.

Customer first: Daniel's team was in charge of one our key company services, data feeds. Our most important clients expect us to deliver a new data request in one or two days. Daniel was able to manage the expectations of our clients, and create a team that could perform towards meeting those high expectations.

Technical skills: Daniel has been hands-on with the Analytical work of his team, and at the architecture level, Daniel has helped in the design, and the vision of the new architecture, which relies on Spark, Redshift, Parquet, Elastic Search, and other technologies on the AWS platform.

Daniel is an invaluable asset. He is capable of adapting to different situations and performing in stressful scenarios and unfavorable environments. I highly recommend him for his people skills and technical skills, and for any tech manager or tech executive position. I hope to have the opportunity to work with him again in the future.

Sincerely,

Alberto Janza