

Resume of Work Experience and Education
April 20, 2021

Michael Lopez



Current Position



Executive Director

Company Name

Reaction Analytics Inc.

Dates Employed Jul 2006 – Present

Employment Duration 14 yrs 10 mos

Location Denver CO

Started with a cocktail napkin and it may end there too. My job is to commercialize the iChemExplorer. The iChemExplorer helps the chemist to be more efficient in scouting out the best way to make a new medicine and what to avoid along the way. The iChemExplorer does this by adding heating and stirring to the ubiquitous analyzer in the pharmaceutical industry - the Agilent 1100 and 1200 Series High Pressure Liquid Chromatograph (HPLC). All drugs on the market today have been developed on an HPLC and the iChemExplorer will be on every one. That's the goal.

And it makes sense because the iChemExplorer will help with chemistry studies such as screens for the best catalyst and for evaluating the degradation and solubility of a particular molecule in solution. These studies fit well with the iChemExplorer because of the requirement to vary temperature to activate the chemistry while taking samples over time to see how the chemistry responds. We call it dynamic chemistry - that a molecule may be more soluble at higher temperatures or more sensitive to degradation. The iChemExplorer brings this new dimension to the robust Agilent HPLC.

It's a great combination. At first compatible with Agilent Chemstation (all versions). iChemExplorer with release of version 6 is also compatible with Waters Empower and Agilent EZChrome. Is there anything we can't do. That's a rhetorical question. As in I don't need any stray input....see more



Business Team Lead

Company Name

Cardinal Health Full-time

Dates Employed Jun 2004 – Jul 2006

Employment Duration 2 yrs 2 mos

Location Greater San Diego Area

ControlPoint lab services inventory management system. Protocol for FIFO, LIFO, expiry date, lot tracking. Integrated hardware - locking cabinets, remote locks, entry cards, WiFi shelf tracking - and software solutions. Worked to move software from Windows PC to web based architecture to create a scalable application.



Regional Sales Manager

Company Name

HAZARD EVALUATION LABORATORY (CONSULTANTS) LTD Full-time

Dates Employed Feb 2001 – Feb 2005

Employment Duration 4 yrs 1 mo

Location San Diego, California, United States

Established West Coast office for British-based firm to sell computer-controlled chemistry equipment to chemists in life sciences and complementary markets. Turned around all warranty issues in territory and established reference accounts. Created several new products to establish a core competence in high pressure catalytic chemistry. Double sales each year and then took responsibility to extend territory through Central and Southeast US. Instituted Corrective Action Preventive Action program to minimize failures at installation. Left this job to care for my mother who passed from cancer in 2007...see more



Product Manager

Company Name

Picker Medical Products Full-time

Dates Employed Aug 1995 – Jan 2000

Employment Duration 4 yrs 6 mos

Location Cleveland, Ohio, United States

Led engineering team in United States and manufacturing centers in Germany and Italy to launch a new to market mammography X-ray machine and a re-engineered X-Ray table. Investigated application of digital x-ray technology to the product-line resulting in two patents. Identified a change in reimbursement and lead team to implement product changes to create new to market tools to re-purpose PET nuclear medicine imaging to detect fast growth tumors....see more



Product Marketing Manager

Company Name

Welch Allyn

Dates Employed 1990 – 1995

Employment Duration 5 yrs

Brought the game-changing video-based bar code scanner to take the dominant position in the US market. You use them at the lottery terminals to scan for winners and every retail POS to check you out. It's amazing how many places we found to fit the technology. What a great team of engineers and sales people. And that was only one project.

Show 1 more experience

Education



University of Michigan

Degree NameMaster of Business Administration (MBA)

Field Of StudyStrategic Marketing (Product Management)

GradeA

Dates attended or expected graduation1984 – 1986

Activities and Societies: Start up for Michigan Business School Directory - an annual business operation running for thirty years; M Go Blue



Massachusetts Institute of Technology

Degree NameBachelor of Science (BSc)

Field Of StudyChemical Engineering

GradeA

Dates attended or expected graduation1979 – 1983

Activities and Societies: Beta Theta Pi; Undergraduate Associate officer; Start up for MIT Shuttle Bus; Pizza Chef extraordinaire; MIT Crew