

Chris Michel

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QUALIFICATIONS PROFILE

Motivated, dedicated, and high-powered professional with strong background in Laboratory Management and Quality Control. Analytical troubleshooter with demonstrated ability to identify problems and implement appropriate solutions. Proven expertise in assembling and organizing data. Familiar with developing complete set of laboratory analytical methods, operational procedures, and other documentation to meet ISO and ASTM requirements. Possesses extensive background in working with cross-functional research teams and customers. Well-organized and adept at handling multiple tasks simultaneously. Extremely analytical, innovative, and resourceful leader, with exceptional team building, interpersonal and communication skills. Areas of expertise include:

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|-------------------------|-------------------------------|------------------------------|
| ✓ Laboratory Management | ✓ R&D Strategy | ✓ Data Collection / Analysis |
| ✓ Formulations | ✓ Quality Control / Assurance | ✓ Pilot & Scale Up Processes |
| ✓ Production Oversight | ✓ Testing | ✓ Methods Development |

EMPLOYMENT HISTORY

Star Thermoplastics. ▪ Broadview, IL
Various Positions

2010–2016

- I didn't pick-up on any new skill sets while working for this company but was able to utilize some of my skills that I acquired working for past companies. As a result, and with a strong need to be challenged, while working for Star, I spent 6 years learning how to develop websites during my free time.

- Though I do have A.A.S. in Computer Information Systems, when it comes to building websites, I'm self-taught. What I know:

- HTML/CSS
- Photoshop
- PHP/MySQL
- Javascript/ JQuery
- Laravel
- I'm able to work in procedural and OOP.
- Working knowledge of AngularJS.

- Currently my IDE of choice is PHPStorm
- I know how to utilize compser, npm, and bower
- I'm able to create, build, and launch websites from cradle to grave.
- The last two pages of my resume gives a brief history of the tutorial that I've watched, along with some books that I've read to get to the point of where I am now (knowledge wise).
- You can view my portfolio by clicking on the following link: <https://www.michel-5.com>

chemtrusion corp. ▪ baton rouge, la
Testing Material / Development Supervisor

2007–2009

- Work in a startup TPO and TPE compounding facility, managed three departments in the lab; Q/C, Development, and Analytical
- Establish and implement laboratory plan, policies, goals, objectives, and procedures
- Handle purchasing and writing standard operating procedures for lab equipment, melt indexer, ash oven, scales, durameters, moisture analyzer, and 75 ton molding machines
- Created SOP's for all lab instruments as well as non-instrument procedures, all procedures complied with ISO 9001 and ASTM for the preparation of getting A2LA certification (automotive)
- Setup procedures for calibrating lab equipment and record files to trace history of calibration using Excel
- Create and implement verification procedures to validate equipment to assure it is still within calibration specification
- Prepare spectrophotometer for future color matching capabilities
- Produce and conduct a training program for newly hired Q/C techs that have no experience in a lab environment
- Orchestrate an internal round robin project that is required for Chemtrusion to perform business with ExxonMobile Corporation

1996–2001

Clariant Corp. - McHenry, IL
Marketing Assistant

- Provided assistance in developing a web site to supply customers with an ecommerce alternative (<http://www.masterbatches.com>)
- Sought out new clients and developed clientele through networking to find new customers and generate lists of prospective clients

- Presented and demonstrated the latest technology within packaging industry to ‘end users’ (i.e. Unilever, Nexxus, Joyco), such as coloring PET and PE tri-layer bottles
- Served as an engineer with the blow molder during pilot runs and resolved problems that occurred to ensure total customer satisfaction

Lab Tech II

- Played a vital role in converting old polyolefin formulas and established new systems to be used in highly concentrated olefin colorants (100/1)
- Repaired and maintained various setting in the lab environment, including Q/C, Color Matching, Samples, R&D

***** Clariant downsized the marketing department; took three years off to finish college*****

Chroma Corp. - McHenry, IL Color Matcher

1988–1996

- Created and developed formulas for color concentrate; searched pigment formulations that were compatible with LDPE/HDPE, PP, PET, PVC, HIPS, Crystal Styrene, ABS, Acrylic, along with other various grades of engineering resin
- Worked with pigments consisting of chromates, leads, FDA’s, dyes, organic and inorganic pigments, metallic, and affairs, including blow agents, lubricants, impact modifiers, and heat stabilizers for PVC’s and others
- Complied with customer requirements by discovering formula among hundred of pigments / different grades of plastic

Quality Control

- Utilized spectrophotometer to check the quality of color concentrate and its properties using a melt index, ash test, moisture analyzer, bulk density, and smear tests
- Examined the color by lowering the concentrate in accordance with the formulas use rate [i.e. 25/1, 33/1, 50/1] and molding chips using a “BOY” molding machine
- Analyzed formulas for FDA requirements and maintained GMP standards for all production operations

Blender

- Produced a “wet-method” for color concentrate by adding pigment with plastic pellet

EDUCATION

2007

Master of Business Administration

Emphasis in Organizational Psychology and Development

- American Intercontinental University, Schaumburg, IL

2004

Bachelor of Arts in Sociology

Minor in Political Science

- Northern Illinois University, DeKalb, IL

2002

Associate of Science in Computer Information Systems

- McHenry County College, Crystal Lake, IL

CERTIFICATION

Certification in Microcomputer Programming

Certification in Microcomputer Skills

Certification in Blow Molding (University of Massachusetts Lowell)

Video Tutorials and Books

lynda.com: 2010 – 2012 -- Just to be clear, I'm not a designer. However, I felt it was important to understand the design process. In addition, I didn't know at this point in time what I was going to gravitate towards.

Creating Dreamscape in Photoshop 3	Photoshop CS6 Essential Training	Photoshop for photographers: Creative Effectives
Digital Painting in Photoshop: Balloonatic	Learning Photoshop CS6	Digital Painting in Photoshop: Powered by Nature
Photoshop: creative effects	Photoshop: Create Effects & Filters	Digital Painting In Photoshop: Atlantis
Photoshop CS6: Selections & Layer Masking	Photoshop for Designers: Textures	Photoshop CS5 for the Web

Lynda.com: 2011 – 2013

CSS Positioning Best Practices	CSS for Developers	CSS: Styling Forms	CSS: Page Layouts
CSS: Style Navigation	Learning Bootstrap 2.0	Web Form Design Best Practice	Engaging Ecommerce with HTML 5
HTML 5: Graphics & Animation with Canvas	HTML and HTML Essential Training		

Lynda.com: 2012 – 2013

Learning MySQL Development	MySQL Essential Training	Access Database with Object Oriented PHP
OOP with PHP	PHP with MySQL Beyond the Basics	PHP with MySQL Essential Training

Udemy.com: 2013

Advanced HTML5 Tutorial for Web Developers	Learning JavaScript Programming Tutorial. A Definitive Guide	HTML5 APIs For JavaScript - A Course For Web Developers
Learn jQuery: An In-depth Course For Beginners	Learning MySQL5 - An Easy Way To Master MySQL	Learning Dynamic Website Design - PHP MySQL and JavaScript
PHP & MySQL - Learn The Easy Way. Master PHP & MySQL Quickly	Learning Responsive Web Design	

Udemy.com: 2014 – 2015

Intro To AJAX With jQuery (Web Programming Made Easy)	PHP Object Oriented Programming: Build a Login System	Learn Database Design with MySQL
A Very Complete Introduction To Laravel	RESTful API with Laravel	Object Oriented Programming (OOP) in PHP - Build An OOP Site

Udemy.com: 2016

Projects In JavaScript & JQuery	Complete PHP Course with OOP	PHP OOP: Object Oriented
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	Start to Finish!	Programming for beginners + Project
JavaScript - Tricks and Workarounds	Advanced Javascript	Build E-commerce website with PHP, MySQL, jQuery and PayPal
Accelerated JavaScript Training	Ultimate AngularJS: Build a Real-World App from Scratch	AngularJS Masterclass - Deep Dive & Understand AngularJS
AngularJS for the Real World - Learn by creating a WebApp		

Pluralsight.com: 2016:

JavaScript Objects and Prototypes	AngularJS: The Big Picture	AngularJS Routing In-depth
AngularJS Directives Fundamentals	AngularJS Line of Business Applications	AngularJS In-Depth
Building a SPA Framework Using AngularJS		

Udemy.com: 2017

AngularJS Custom Directives with Dan Wahlin	Accelerated ES6 JavaScript Training	ES6 Javascript: The Complete Developer's Guide
The Complete JavaScript Course: Build a Real-World Project	Learn To Build Apps with ES6 - The Web Programmers Guide	The Complete jQuery Course - From Beginner to Professional!
Ajax in JavaScript and JQuery, with PHP - Creating Chat App	Learning Node js	Learn Bootstrap Development By Building 10 Projects
Projects in PHP and MySQL	Laravel, the complete guide with real world projects	PHP with Laravel for beginners - Become a Master in Laravel

es6.io: 2017

ES6 For Everyone	JavaScript30	
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Books: I've read some of these books all the way through; and used others as reference points.

JavaScript: The Good Parts: The Good Parts	Pro AngularJS (Expert's Voice in Web Development)	Pro PHP and jQuery
Laravel 5 Essentials	Modern PHP: New Features and Good Practices	Laravel 5 Essentials
Step By Step Bootstrap 3: A Quick Guide To Responsive Web Development Using Bootstrap 3	Laravel Application Development Cookbook	Getting Started with Laravel 4
The Principles of Object-Oriented JavaScript	PHP Advanced and Object-Oriented Programming: Visual QuickPro Guide (3rd Edition)	The Principles of Object-Oriented JavaScript
Eloquent JavaScript: A Modern Introduction to Programming	PHP Array Filtering - Learn how to use every filtering function	Murach's JavaScript and jQuery
Murach's HTML5 and CSS3	Murach's PHP and MySQL	Effortless E-Commerce with PHP and MySQL