

Ryan Merkel McMartin

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work experience (Aug 2010 - Oct 2012)

Pfizer Pharmaceuticals

(Rouses Point, NY)

LIMS Developer - Quality Assurance

- Develop LIMS analyses to support laboratory use of Labware LIMS due to decommissioning of SQL LIMS
- Six Sigma White Belt Project: Developed Visual Basic code for LIMS system which eliminates analyst transcription errors when transferring data, outcome was a reduction of cycle time and an increase in RFT. The number of process steps were cut in half producing a soft savings of ~\$3,000 per analyst/year.
- Introduced advanced electronic whiteboard system that automatically queries LIMS data system (using PHP programming language) to show real time progress of product flow through supply chain. Can be accessed via web interface.
- Six Sigma Green Belt and Lean Six Sigma Certified/Master Black Belt in progress (Villanova University)
- Member of Six Sigma/5S team

(Oct 2006 - Aug 2010)

Scientist - Quality Assurance

- Modify/create BASIC code in LIMS database to more accurately represent laboratory needs
- Member of Lean Lab Concepts team, which entails updating/discussing company wide metrics with plant managers
- Implemented lean process flow improvements in labs, reducing time spent on tasks, while increasing efficiencies
 - presented results to entire facility (500 in attendance)
- Developed lab performance tracking system which requires less than 30 minutes per person per week to maintain in contrast to the standard lab practice of retaining a full-time employee to such tasks. Performance tracking has indicated improvements in efficiencies
- Analyze product and method stability studies
- Perform investigative testing on atypical results, determine root cause, implement corrective action

(Sept 2010 - Present)

LC iPhone Repair

(Plattsburgh, NY & Baltimore, MD)

Owner - mobile phone repair

- hobby turned start-up
- local iPhone, iPod, iPad repair
- lciphonerepair.net

education (Sept 2001 - June 2005)

Union College

(Schenectady, NY)

Bachelor of Science, Major: Physics, Minor: Chemistry

- Pre-Med course-load including; BioEngineering, BioChem, MolecularBio, BioPhysics and Nanotech
- Thesis: *Construction of a Zeeman Slowed Atomic Beam of Metastable Argon or Krypton*
 - Research used to study atomic interactions at extremely low velocities
 - Required advanced mathematics and manufacturing techniques
- Intercollegiate Soccer
- Webmaster for SHAKTI Student Group
- Sigma Xi - Scientific Research Society Member

skills

- understand technology/technical ideas • leader in team environments • self-motivated • resourceful • organized • innovative • positive • honest • creative •
- Microsoft Office (including Visio and Access) • Oracle • SAP • MySQL • SQL • PHP • vBASIC •
- Apple OS X • Windows 7 • iOS • UNIX • Mathematica • LabWareLIMS • Empower • SolidWorks •

volunteer clubs awards interests

- **Webmaster/Developer** - valcoursailingclub.org, LCiPhoneRepair.net
- **Valcour Sailing Club** - Valcour, NY - Boats Raced: J100 & Soling
- **Learn to Sail Program** - Lake Champlain, Plattsburgh, NY - teach children/young adults to sail
- **Adirondack Young Professionals (ADKYP)** - Plattsburgh, NY - local community volunteering
- **Manufacturing methodologies** - Theory of Constraints, Lean, Six Sigma