

Samuel Malachowsky

Rochester, NY • (716) 435-7800
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Professional Profile

An experienced business results-focused leader specializing in team leadership and communication of complex ideas to diverse audiences. Effective intermediary between the business and Software Engineering world; well-developed soft skills and an understanding of how solution engineering fits into the larger operations of business. A history of seeking to educate and enrich the relationship between people and product/process/technology.

Strengths in:

- Client-Focused Product Development
- Timeline / Scope Management
- Engineering Solutions and Leading Developers
- Team Organization and Execution
- Software and Process Documentation
- Resource/Schedule/Requirements Balance
- Development and Testing Methodologies
- Agile Development Methodologies
- Impact of Software Engineering on Organizations and Customers

Education/Certifications

Masters of Business Administration (MBA) – Medaille College
Bachelors of Business Administration (BBA), Concentration in Marketing – SUNY at Buffalo
Project Management Professional (PMP) Certification

Academic Experience

Lecturer, Software Engineering – *Rochester Institute of Technology, Rochester, NY* 8/2013-Present
Performed assigned duties as process-focused lecturer at the undergraduate level. Classes: SWEN-101 Software Engineering Freshman Seminar, SWEN-261 Intro to Software Engineering, SWEN-256 Software Process & Project Management, SWEN-350 Software Process & Product Quality, SWEN-356 Trends in Software Engineering (Agile), SWEN-561/2 Software Engineering Project (Senior Capstone)

Results

- *Curriculum Development* – Continuous improvement of course via classroom experience, student feedback, advisory board recommendations, and new/emerging ideas
- *Course Coordination* – Multiple semesters, secured corporate sponsorship of classroom hardware
- *Student Professional Development* – Led several résumé workshops and counseled 100+ students individually. Co-Op coach, coordinated efforts to bring PM career path opportunities to student body
- *Student Feedback* – Instructor related questions: 83% Positive, 94% Neutral or better

Adjunct Professor, Software Engineering – *Rochester Institute of Technology, Rochester, NY* 11/2011-8/2013
Focused adjunct primarily responsible for process-tract courses: SWEN-256 Software Process & Project Management and SWEN-350 Software Process & Product Quality

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Non-Academic Experience

Technical Project Manager – Xerox/Genuent Consulting, Rochester, NY 1/2009-11/2014

Responsible for several projects, including client-facing web portals, specialist technology tools, and team collaboration software, such as SharePoint. Worked to determine and implement vertical and horizontal integration strategies within current projects with the goal of increasing user efficiency, enhancing reporting systems, and lowering overall costs. Lead trainer in product use and skill development.

Results

- *Process Documentation* – Established ISO-friendly documentation for engagement, production planning and rollout, vendor management processes, disaster recovery, and user support strategies.
- *Successful Project Launches* – Launched several projects with documented positive R.O.I.
- *Change Control Development* – Lead person in the development, documentation, and launch of change control procedures for new and legacy systems. Specialized in technology application.
- *Training Series* – Led several skill development series. Most recent: Project Management (PMP) Instruction - Slides and video available at <http://samuelm.com/pmp/>.

Product Integration Project Manager – M&T Bank/Globalquest, Buffalo, NY 8/2008-10/2008

Responsible for systems integration project management. Five separate systems, one new vendor system, and associated decisions, testing, training, and support. Led cross functional team of 8 and managed integration with other related project teams. Heavy emphasis on stakeholder relationships and effective communication of project objectives.

Lead Project Manager – RR Donnelley/Ajilon Consulting, Niagara Falls, NY 9/2007-6/2008

Lead PM for client-facing systems development and operations. Responsibilities included daily contact with customer (Fortune 100 company), managing scope, implementing monthly releases and corresponding direct mail/email campaign, user acceptance testing, budget and cost management, and expectation management. Worked directly w/ dozens of stakeholders and vendors (printing facilities, call center, data processing). Development Team of 8, resource budget \$1 million+, revenue \$2.2 million+.

Results

- *Monthly Production* – Created pre-production objectives / timeline to bring monthly production to match schedule. Increased revenue by 5% compounded monthly.
- *Metrics Improvement* – Increased Service Level Agreement measured results from ~35% to consistent 90+% each month.
- *Process and Morale Improvement* – Analyzed starting process/personnel issued and improved productivity and morale one-on-one instruction as well as department-wide process implementation. Resulted in significant drop in unplanned absence and resource turnover.

Client Project Manager – Choice One Communications, Buffalo/Rochester, NY 9/2005-4/2007

Interfaced with client to organize and prioritize expectations, deliverables, scope, deadlines, and to provide instruction on product use and configuration. Worked with dedicated and shared resources within the company to exceed client expectations and ensure profitability. Workload of 15-25 simultaneous projects with budgets of \$5,000 - \$75,000.

Results

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- *Driving Projects to Completion* – Completed dozens of projects from start to finish in an industry where projects are often delayed due to inaction by clients, resource conflicts, and changing technology.
- *Client Satisfaction* – Placed continuous emphasis on customer service and how project deliverables might impact the client's objectives, leading to frequent upgrade requests/repeat business.

New Project Manager – *ATT Wireless/Cellventures Inc., Rochester, NY* 3/2000-5/2004

Responsible for rollout of projects in which the company had no previous experience. Direct report to VP of Operations. Worked with various teams in a supervisory or consultative role. Multiple-project workload.

Results

- *Marketing / Internet Development* – Created/coordinated mail, newspaper, other media, key account manager, created/maintained e-commerce website for client and retail support.
- *Logistics / Sales Support* – Reduced overhead through JIT, created help desk, audited all locations, developed process through creation of companywide forms & procedures.
- *POS Integration and Training* – Installed new POS System, set up maintenance schedule, trained staff, maintained a hotline and after hours support for users.
- *Retail Location-Level Accounting* – Improved store accounting, ledgers, and daily sales reports as well as inventory, ordering, and customer demand speculation through the introduction of spreadsheets and database.

Technical Consultant/ Software Engineer – *More Information Available Upon Request* 5/1997-Present

Implemented focused and efficient requirements analysis and software development on a part-time basis.

Scholarship

Implementing Project Managers in the Software Engineering Classroom 2015

S.A. Malachowsky, American Society for Engineering Education Annual Conference and Exposition (ASEE15)

A Project Component in a Web Engineering Course 2015

S.A. Malachowsky and D.E. Krutz, Frontiers in Education Conference (FIE15)

An Insider Threat Activity in a Software Security Course 2015

D.E. Krutz, A. Meneely and S.A. Malachowsky, Frontiers in Education Conference (FIE15)

Enhancing the Educational Experience for Deaf and Hard of Hearing Students in Software Engineering 2015

D.E. Krutz, J. Kaplan, S. Jones, and S.A. Malachowsky, Frontiers in Education Conference (FIE15)

Examining the Effectiveness of Using Concolic Analysis to Detect Code Clones 2015

D.E. Krutz, S.A. Malachowsky, and E. Shihab, The 30th ACM/SIGAPP Symposium On Applied Computing (SAC15), 24.03% acceptance rate

A Dataset of Open-Source Android Applications 2015

Daniel E. Krutz, M. Mirakhorli, Samuel A. Malachowsky, A. Ruiz, J. Peterson, A. Filipinski, and J. Smith, Mining Software Repositories, 2015 IEEE/ACM 12th Working Conference (MSR15)

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Using a Real World Project in a Software Testing Course

2014

D.E. Krutz, S.A. Malachowsky, and T. Reichlmayr, Proceedings of the 45th ACM Technical Symposium on Computer Science Education (SIGCSE14)

Service

Member, Faculty Education and Development Program (FEAD) Committee

2014-Present

Member, Software Engineering Department Hiring Committee

Summer 2015

Reviewer, American Society for Engineering Education (ASEE)

2014-Present

Session Chair, Frontiers in Education

2015

Professional Memberships

American Society for Engineering Education (ASEE)

Association for Computing Machinery (ACM)

Special Interest Group on Computer Science Education (SIGCSE)

Project Management Institute (PMI)