

Michael Hillendahl

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Technical Consultant seeking **full-time** role in **Southern California**

Motivated to leverage technical experience in collaborative role.

Solutions Architect	Engineer	Programmer	Human
Process Automation	Solutions Engineering	C/Java•Python/Perl•HTML/XML	Musician • Performer
Multi-server Systems	Pre-Sales Engineering	I2C•SPI•Serial•Parallel	Hiker • Climber
SQL & Repositories	Release Engineering	UART•JTAG•GPIO•Drivers	Enthusiast • Tinkerer
Tech Documentation	Application Engineering	Data Structures•Algorithms	Son • Brother

Consulting

Solutions Engineer at Laserfiche (2018)

- Managed development, release, and support of Enterprise solutions
- Conducted on-site interviews, demonstrations with high-value customers
- Drafted Statements of Work for \$1MM+ custom Enterprise solutions
- Lead requirements gathering, analysis with subject matter experts
- Engineered custom solutions to complex workflow and process problems
- Coordinated personnel and technical efforts for system Go-Live
- Managed promotion across Dev, QA, Stage, Production environments
- Designed, implemented, customized multi-server system architecture
- Configured databases, built repositories, managed service accounts

Development

Electronics Engineer at Marshall Electronics (2010-2017)

- Managed development, release, and support of flagship platforms
- Defined product spec, maximized cost/time efficiency of design reqs
- Adjusted dev plan or spec as necessary when technical issues arose
- Rewrote algorithm for project workflow between Engineering and QA
- Optimized artifact resolution and minimized development time
- Managed technical organization of product and firmware releases
- Spearheaded related interdepartmental coordination
- Conducted streamlining of R&D procedures for Production team
- Managed technical implementation in production environment
- Wrote bare metal embedded C for video and ARM processors
- Increased responsiveness >100% rewriting key algorithms
- Ensured market relevance via competitor and industry research
- Created feature-set and UI for next generation of devices
- Automated panel calibration, reduced overhead by over 95%
- Accelerated dev team's ability to launch new products

Education

Electrical Engineering Bachelor of Science at USC (2010)

- University of Southern California Viterbi School of Engineering