

Michael Hillendahl

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Engineer seeking full-time role in Orange County

Driven to leverage communication and technical aptitude in collaborative role.

Experience	Software/Firmware	Solutions Architect	Scholar
Research & Development	C • C++ • C# • Java	Process Automation	USC Viterbi Alum
Efficiency & Optimization	Python • Perl • HTML • XML	Multi-server Systems	BS Electrical Engr
Construction & Deployment	I2C • SPI • Serial • Parallel	SQL & Repositories	Acoustics & Dig Audio
Testing & Automation	UART • JTAG • GPIO • Drivers	Tech Documentation	Analog Circuit Design

Consulting

Solutions Engineer at Laserfiche (2018)

- Constructed, deployed digital solutions for enterprise workflow processes
- Researched, developed, launched, supported custom solutions
- Architected, executed, managed enterprise infrastructure software
- Designed, implemented, customized multi-server system architecture
- Configured databases, built repositories, managed service accounts
- Conducted interviews with internal personnel and clients
- Drafted customer-facing statements of work
- Supported deployment of solutions into live production servers
- Promoted solution across Dev, QA, Stage, and Prod environments
- Devised, executed test procedures in customer software environments
- Tested and debugged applications, assisted with daily support
- Assisted with daily management of operations of enterprise systems
- Served as subject matter expert for artifact identification and resolution

Development

Electronics Engineer at Marshall Electronics (2010-2017)

- Wrote bare metal embedded C for video and ARM processors
- Developed, released, supported flagship audio-visual platform
- Increased responsiveness by rewriting key algorithms
- Drafted, amended strategy outlining iterative testing
- Investigated, resolved artifacts before product release
- Managed technical organization of product and firmware releases
- Spearheaded related interdepartmental coordination
- Conducted streamlining of R&D procedures for Production team
- Performed technical implementation in production environment
- Defined product spec, maximized cost/time efficiency of design reqs
- Adjusted dev plan or spec as necessary when technical issues arose

About Me

Human - Son, Brother, Partner, Friend

- Musician, Performer, Hiker, Climber, Enthusiast, Tinkerer, Gamer