

Mike Hillendahl

Research & Development, Electronics, BSEE

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15 year veteran in development and manufacture of electronics for US Armed Forces contracts and as well as broadcast, entertainment, agriculture, and municipal industries

Electrical Engineer (R&D) - McCrometer - Hemet, CA 2023-26

Development, manufacture of flow meter technology for agriculture, municipal

- Conducted design, layout, board bring-up for modular platform components
- Developed automated test platform for validating firmware before production
- Designed, wrote, deployed, image flashing automation tools for production cell

Electrical Engineer (R&D) - Design West Technologies - Tustin, CA 2020-23

Development, manufacture of weapons and chemical detection tech for US Armed Forces

- Delivered critical components of Vertical Launch System (VLS) to U.S. Navy
- Cradle-to-grave ownership of component requirements, test, manufacture, production
- Rapid prototyping, design, architecture, schematic, layout, firmware, test

Solutions Engineer - Laserfiche - Long Beach, CA 2018-19

Design, deployment of digital solutions for enterprise workflow processes

- Lead client-facing requirements gathering interviews, drafted statements of work
- Designed, implemented, customized, deployed multi-server system architecture
- Configured databases, built repositories, managed service accounts

Electronics Engineer - Marshall Electronics - El Segundo, CA 2010-17

Development of A/V equipment for broadcast and prosumer photography industries

- Performed board bring-up, circuit analysis, schematic/layout, firmware
- Drafted, implemented iterative testing and development strategy
- Managed technical organization of product and firmware releases

Computer Architect - Independent - Southern CA 2012-

Design, source, construct, initialize, validate, computers for custom applications

- Conducted user interviews and requirements gathering
- Established use-case specific requirements to create bespoke solution

Human - Earth 1988-

Father, Husband, Brother, Son, Friend, Man

- Musician, Hiker, Tinkerer, Handyman, Gamer, Nerd, Geek

University of Southern California - Los Angeles, CA 2006-10

Bachelor of Science, Electrical Engineering, USC Viterbi School of Engineering

- Fight On!