

TODD J. DELANEY

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ENGINEERING PROFILE

Quality-driven engineering professional with BSEE degree, 15 years of technical experience (including 5 in working with electrical systems) and track record of success in achieving goals within both employment and academic environments. Quality-driven approach to product development and maintenance. Skilled in training team members and coordinating/performing tasks to achieve on-target project fulfillment. *Skills & Knowledge Base:*

- Basic Stamp Microcontroller
- Code Compliance & Inspections
- Electrical Equipment Operation
- Conduit & Conductor Integration
- Blueprint Review/Interpretation
- System Testing/Troubleshooting
- Quality Assurance Standards
- Preventative Maintenance
- Time & Material Estimations

***Conduits, Conductors & Junction Boxes / PLCs & Electrical Systems / Receptacles & Switches
Circuit Breakers & Transformers / Telecommunications Wiring & Cat 5 Cables / HP Multimeters
National Electrical Code Book / General Knowledge of AutoCAD; MS Office; MS Visio***

Professional Development

Bachelor of Science, Electrical/Electronic Engineering, 2005

Sacramento State University, San Deigo, CA | *Dean's Honor Roll: Spring 2004*

KEY PROJECTS:

- **EEE 193A Design Project I** – Worked with team of 5 in completing tasks for project that included wireless transmission, main control panel, moisture sensor, activating solenoid valves, and solar panel tracking to charge on-board battery. Implemented and tested design; created progress report on **MS Project Manager**.
- **EEE 193B Design Project II** – Continued work on abovementioned project; combined and tested individual components within subsystem, including electrical functions. Built subsystem and used OrCAD Capture to fabricate circuit board. Developed report and presentation using Project Manager and PowerPoint, respectively. Gained knowledge in bringing design to working prototype.
- **CPE 151, CMOS & Very Large Scale Integration (VLSI)** – Worked with group in designing Bit-Serial Adder with Accumulator designed in L-Edit. Used equations to calculate width-to-length ratio of Logic Gates; combined all Gates to fit specified area and completed final DRC report within allotted 20-day timeframe.

Volunteer Work: Community Project, Galt, CA – Assist electricians with electrical installation; Remodeling – Ran MC Cable for plugs/lighting. Assisted in running conduit/wiring for 200 Amp Subpanel and attaching lighting for sanctuary.

Professional Experience

LASTING SIGNS, Stockton, CA

1989 – Present

Production Manager (1998-Present) / Engraver (1989-1998)

Promoted from Engraver to coordinate all production activities; in manager's absence, supervised all employees and financial/operational processes. Set schedules and trained staff. Operated engraving machines (including Electronic Control System software) and performed troubleshooting for computer systems/network. Worked with customers to ensure fulfillment of needs and objectives. *Key Projects/Contributions:*

- ♦ **Key Project Management** – Managed major contract for U.S. Navy involving chemical treatment on stainless steel plates; worked with supplier company Cerdec to ensure alignment with client specifications, resulting in ahead-of-schedule completion and full satisfaction from client.
- ♦ **Product Development** – Led company as one of 1st to complete engraving for popular Italian Charms item in Central Valley; brought in 4 additional companies through high quality work and facilitated \$200,000 increase in annual revenues (up to 10,000 orders per week).
- ♦ **Manufacturing Improvement** – Repaired key laser machine that resulted in less downtime for company and subsequent cost savings.