

Timothy D. Swieter, P.E.

Objective

To contribute to a diverse team with my engineering skills, project management experience and creative drive. Naturally I'd target the theme park industry where my career has been established, but I'm also eager to tackle problems in small businesses, start-ups and organizations that help solve problems for humanity.

Experience

October 2003–Present Birket Engineering Orlando, FL, USA

Project Engineer

- Manager and Engineer for Birket Engineering Hong Kong Limited and Birket Engineering Singapore
- Product Design Engineer for specialty LED lighting and strobe products
- Coordinated vendors and contractors in Hong Kong and China
- Managed and performed software commissioning for Revenge of the Mummy The Ride at Universal Studios Singapore
- Managed installation and test and adjust of It's A Small World show control and clock tower control systems at Hong Kong Disneyland
- Managed and designed the onboard lighting and audio control system of Hollywood Dream The Ride Rollercoaster at Universal Studios Japan
- Hardware and software Designer for Fear Factor Live! at Universal Studios Hollywood
- Managed, designed, and installed the equipment for the nighttime fireworks control system at Hong Kong Disneyland
- Hardware and Software Commissioning Engineer for Revenge of the Mummy the Ride at Universal Orlando and Universal Studios Hollywood

1999–September 2003 Siemens Dematic Grand Rapids, MI, USA

Co-op Electrical Engineer

- Worked in the Material Handling Automation Division
- Designed Windows application for tracking punch list during development of software systems
- Utilized Allen Bradley automation products to implement advance material handling solutions as a Distribution and Warehousing Operations Controls Engineer

Education

1999–December 2003 Kettering University Flint, MI, USA

B.S., Electrical Engineering, minor Acoustics

- Have taken and passed the NCEES Spring 2003 Fundamentals of Engineering Exam
- Thesis was "Design of an Emulation for the Crossbelt Sortation System"

Interests

- Member of Institute of Electrical and Electronic Engineers (IEEE) and National Society of Professional Engineers (NSPE)
- Intense reading and listening on the topics of entrepreneurship, business and leadership
- Successfully operated an Internet based business