

When I was three years old my mother saw me standing alone in the living room. After a short wait I moved forward a few feet and stopped. When she asked me what I was doing I said, "I'm waiting in line at Disneyland." From that age I have had a lifelong passion for Disney theme parks aspiring for Imagineering.

## LIVE ENTERTAINMENT

### Shanghai Disney Resort -- (September 2017 - March 2018)

Consulting technical director for David Hage's team. Leading completion of various unfinished projects around the resort. Managing vendors to complete installations. Responding to technical issues that affect show quality. Supporting various entertainment projects including castle stage venue maintenance, castle lighting, projector installation, show video feeds, backstage televisions, and more.

### Wonderland Christmas Spectacular -- (Fall 2011 and Fall 2007)

Volunteered for a large scale Christmas production with hands on technical experience in rigging and lighting.

## LIGHTING

### Shanghai Disneyland One Year Anniversary Show and Summer Blast Show -- (June 2017)

Responded to lighting faults while shadowing Ignite the Dream stage manager Claire. Troubleshooted the cause and ensured as many of the castle strobes were functioning as possible for use in the One Year Anniversary show and Summer Blast show.

### Shanghai Disneyland Enchanted Storybook Castle -- (May-June 2016)

Supported a last minute effort to troubleshoot the castle strobe installation. Revised all castle architecture drawings showing the as installed position of each light. Updated master DMX channel matrix and wiring documentation. Experienced major failures in project completion and show disruption failures as well as learning from what caused them. Assisted lighting designer Brian Larsh for completion of the strobe system.

### Wonderland Christmas Spectacular -- (September-December 2011)

Experience working behind the scenes in a high quality winter stage production. Assisted installing lights and control equipment to create a [light display synchronized with a live orchestra and fountains](#). Assisted installing lights, networking lighting control systems, and troubleshooting communication errors.



### Disney Specific Education

WDI Lighting Maintenance Training by Rick Fobare - 2013

## SHOW CONTROL/AUDIO-ANIMATRONICS®

### Shanghai Disneyland -- (October 2014-December 2015)

Employed by Glenn Birket to support show control park wide for 14 attractions and launched the Show Control Workshop from scratch. Helped facilitate DCS training. Configured and deployed all computers used for attraction show and maintenance. Supported FAT and motor control troubleshooting. Coordinated needs of lab for testing, receiving equipment, and various tasks as needed to assist other engineers. Daily supervised the field installation of show control equipment in Adventure Isle.



### Disney Specific Education

WDI Navigator Training Videos-2018  
WDI Disney Animation Control Theory and History (DCS 101)-2015  
WDI MIU Basics (MIU 101)-2015  
WDI MIU Scene Control & Axillary Applications (MIU 102)-2015  
WDI ELMO Configuration & Elmo Adjust (ELMO 201)-2015  
WDI FSM Configuration & FSM Adjust (FSM 201)-2015  
WDI Audio-Animatronics® Basics Class by Steve Jet - 2013  
[Disney's Ultimate Engineering Exploration - 2012 Participant / 2013 Volunteer](#)  
[Disney Engineering Study - Fall 2012](#)

### Disney Professional Internship Scientific Systems Walt Disney World -- (August - December 2013)

Worked in a team that develops control systems and software for Audio-Animatronics® in Disney attractions worldwide. Built a control system rack for testing adding electric motors to legacy figures. Wrote software for processing animation network messages. Gained hands on experience with Disney show control systems learning from engineers with a lifetime of Disney experience.

## PYROTECHNICS

### Ignite the Dream - A Nighttime Spectacular of Magic and Light presented by China Pacific Insurance -- (March 2018)

Begun planning/design for fireworks infrastructure refurbishment and changes to accommodate Eric Tucker's show enhancements.

### Colorado Springs Fourth of July -- (July 2017)

Assistant pyrotechnician for Western Enterprises on two shows including the Colorado Springs Philharmonic Summer Symphony

### Shanghai Disneyland One Year Anniversary Show -- (June 2017)

Inspected equipment, assisted firing module maintenance, attended Disney Pyrodigital training, and observed show operations.

### Ignite the Dream - A Nighttime Spectacular of Magic and Light presented by China Pacific Insurance -- (January-May 2016)

Designed and built fireworks infrastructure under intense time constraints. Mentored by Kevin Kelly in learning the field of pyrotechnics and participating in the preparations and execution of early test shows. Oversaw equipment installation and modification. Contributed to firework control system drawings and documentation.

### Wishes Nighttime Spectacular -- (August 2012-January 2013)

Supported audience perimeter control for the Magic Kingdom's fireworks safety barrier.



## Education

### Bachelors of Science Computer Engineering - Colorado Technical University (4.00 GPA)

- Computer Science, Physics, and Control Systems Coursework
- Solid understanding of object oriented programming and embedded systems
- Electrical troubleshooting and hands on group projects
- Tutored other students in Electrical Engineering

### Associates of Science Information Systems - Colorado Technical University (4.00 GPA)

- Began college enrolment at the age of fifteen and finished coursework for this diploma as a high school Junior
- Studied abroad in Beijing, China
- Class salutatorian

### Home Schooled Grades K-8

- Allowed for extensive world travel and encouraged creative development

### Other Industry Education



IAAPA Safety Institute

*Hong Kong 2018 & 2015  
Shanghai 2016  
Beijing 2014*



Guide to Careers in the Theatre  
by American Theatre Wing-2018

Theme Park Design by Steve  
Alcorn-2015



### *Extensive World Travel*

Including traveling to every  
Disney theme park in the  
world.

## Disney College Program

Served Magic Kingdom guests in the role of Attraction Operations. Engaged in special learning opportunities including a Disney course on creativity and innovation. Created a safe experience while personally operating ride control systems in a fast paced environment. Recognized for initiative and service with twelve Great Service Fanatic awards.

## 会说中文很爱中国

### Excellent Mandarin

从2010年开始自学普通话。几年后在上海迪士尼度假区我的体验是每天用中文跟本地同事们讲话。在项目很多工作人员不会讲英语所以我感觉用中文是很重要。汉语水平考试和华特迪士尼中文考试成绩。我还在学习但是已经能够成功好天天用普通话和用简体字打字发简单短信。我真爱中国和希望住百姓生活。



## ORGANIZATIONS



**IEEE**  
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