



## M. Gates Browne

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Le Château de la Belle et la Bête

## Work Experience

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### Vertex Consulting Structural Engineers, LLC (Oct. 06 – Present)

Scottsdale, Arizona

**Structural Designer:** Perform structural design on various industrial, commercial, and residential projects; including, structural members, components, and foundations; also, create structural drawings, notes, and details.

Perform various structural inspections: concrete tilt-up panel pours, reinforcing steel (foundation, tilt panel, masonry), grout pours, structural welds, etc.

Additional responsibilities: reviewing shop drawings for compliance with structural specifications to ensure proper fabrication and construction.

### Unisys/International Business Machines (Sept. 04 – Feb. 06)

Phoenix, Arizona

**Desktop Support Technician:** Onsite contractor at Honeywell International engineering and fabrication sites supporting employees' desktop environments.

Handle level 2 and 3 technical support: hardware and software troubleshooting, replacing components, deployment of new computers, network configuration, printer setup, data recovery and backup, spyware removal and prevention, FTP and backup server configuration, VPN, Firewall, Database Client setup, etc.

### International Business Machines (June 00 – Feb. 01)

San Jose, California

**Internal Technical Support:** Supporting engineering and manufacturing divisions at IBM's Cottle Road disk drive facility.

## Education

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### Arizona State University – **Civil Engineering** (Aug. 2004 – Present)

Tempe, Arizona

Expected graduation: Spring 2009 – 4 year (B.S.) degree with emphasis in Construction Engineering.

## Certifications

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<b>NCEES:</b>	Fundamentals of Engineering (former EIT)
<b>Six Sigma:</b>	White Belt Lean
<b>CompTIA:</b>	A+ Hardware/Operating Systems

## Qualifications

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**Structural Design:** Able to communicate with architect from initial concept of project and create structural drawings, calculations, and details to meet architectural and functional criteria of the structure.

**Construction:** Perform structural inspections, create and follow plans/calculations through city review, and review shop drawings for conformance with design specifications.

**Company Life:** Have worked in a variety of environments: small business, industrial and large corporation; often performing several roles within an organization.

**Technical Literacy:** Extensive computer skills including engineering and business applications, graphic and video editing software, server administration, network configuration, and desktop management.

## Volunteer Activities

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### **Congregational Service** - Mesa, Arizona (Dec 2007 - Present)

Currently serve as the clerk and president of the Sunday School for my local congregation. Responsibilities include processing and accounting membership records and donations, taking meeting minutes for various weekly meetings, and supporting the teachers of the Sunday School.

### **Proselyting Service Missionary** - Tempe, Arizona (Feb. 2001 - Dec. 2002)

Served as a full-time proselyting missionary for The Church of Jesus Christ of Latter-day Saints. Appointed as a supervisor over several other volunteer missionaries.

## Professional Associations

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<b>SEAOA:</b>	Student Member
<b>ASCE:</b>	Student Member
<b>ICC:</b>	Student Member
<b>AISC:</b>	Student Member