

# Jonathan Neubauer

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4424 Shenandoah  
Dallas, TX 75205

979-694-7150 - Home  
214-808-6818 - Cell

E-Mail: [jonathan@neubauer.tv](mailto:jonathan@neubauer.tv)  
<http://neubauer.tv>

## Summary of Qualifications

An effective problem solver, with strong communication, organization and engineering skills. Teamwork and efficiency motivated with minimal direction required. Punctuality, adherence to detail, and accuracy can be expected; as well as a high degree of creativity. Computing experience and proficiency. Specific qualifications and interests focus on structural engineering with regards to commercial mid- and high-rise structures.

## Education

1998 – December 2004

Texas A&M University

College Station, TX

- **M.E. Civil Engineering** - Graduation in December 2004
  - Structural Specialty, 36 hour program
  - Graduate GPR, as of September 2004, 4.0 scale – Overall: **3.3**
  - Focus on optimization, advanced dynamics, foundation, composite, prestressed concrete and steel design.
  - Certificate in Business; coursework in accounting, finance, marketing and management.
- **B.S. Civil Engineering**, Structural Emphasis - May 2003
  - Undergraduate GPR, 4.0 scale – Major: **3.69** Overall: **2.88**
  - Distinguished Student Award – Fall 2002, Spring 2003
- **E.I.T.** – Passed the Fundamentals of Engineering Exam in June, 2003 – <sup>84</sup>/100

## Experience

Fall 2004

Civil Engineering Department, TAMU

College Station, TX

### Graduate Teaching Assistant

- Taught two full sections of plane surveying. This included hands-on, in the field instruction.
- Responsibilities include instruction in error analysis, basic measurements, leveling, traversing, mapping, construction surveys, horizontal and vertical curves, earthwork, GPS and GIS.

2003 - 2004

Texas Transportation Institute

College Station, TX

### Undergraduate and Graduate Research Assistant

- Helped investigate the structural performance of closure pours between pre-cast deck panels on tub-girder bridges.

Summer 2001

Austin Commercial Incorporated

Dallas, TX

### Project Intern – Dallas Convention Center

- Extensive hands on experience with reinforced concrete, steel, surveying, and earthwork; significant involvement in project management and record maintenance.
- **Recommended by Mr. Roger Files – Regional Project Manager**

## Activities and Associations

- Chi Epsilon Honor Society
- American Society of Civil Engineers
  - *ASCE Concrete Canoe Competition – Nationals Participation 2002, 2004; Regionals 2003*
- Structural Engineers Association of Texas
- Bronze Palm Eagle Scout, Assistant Senior Patrol Leader
- Dallas Symphony Orchestra League Honor Guard, 2001 – 2004
- Alumni of the Pi Kappa Alpha Fraternity, Theta Theta Chapter
  - *Vice President - Fall 2000, Secretary - Spring 2000*

## Computing Skills

- Microsoft Access, Matlab 6.5, Simulink, Maple, Visual Analysis, AutoCAD R14 thru 2003, SAP 2000
- Very proficient with Microsoft Excel XP and CSI ETABS non-linear design software
- Experience with JAVA, Javascript, Macromedia Dreamweaver, Frontpage, Acrobat and Photoshop

## References

Academic and personal references are available upon request.