

# Samir Bootwala

512-785-1392

samir@bootwala.net

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## PROFESSIONAL PROFILE

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Three internships with petroleum engineering firms have exposed me to many oilfield basic procedures. I hope to increase my knowledge of petrophysics and reservoir simulation as well as obtain practical oilfield management.

- Experience with Aries, CMG Modeling Suite, PHDWin, Production Explorer, Fracpro, Matlab
- Strong computing familiarity with all versions of windows, mac OS, linux/unix including all versions of MS Office, Adobe Photoshop, basic PHP/HTML web editing
- Multilingual: limited Spanish, Portugues, Gujarati
- Multiple years experience working in collaborative environments in biochemistry laboratories

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## PROFESSIONAL EXPERIENCE

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Penn Virginia, Houston, TX

*Petroleum Engineering Summer, Winter Intern*

December 2007 – January 2008

May 2007 – August 2007

### Responsibilities:

- Assess current assets for potential work-over fields
- Observe life of East Texas property from exploration and analysis to flow-line
- Drilling life cycle on H&P flex rig 2
- Logging of TD well with Schlumberger PEX
- Completions including multiple stage hydraulic fracturing
- Reservoir economics using Aries and Access database scripting
- Brief exposure to geologic mapping and seismic analysis

Tema Oil and Gas, Houston, TX

*Petroleum Engineering Summer, Winter Intern*

December 2006 – January 2007

May 2006 – August 2006

### Responsibilities:

- Assist in revision of abandonment cost sums to comply with current FASB143 regulations
- Compile water analysis data on Gulf coast wells to derive  $R_w$
- Analyze producing well data for production patterns
- Revise well bore schematics for active wells in Conn Brown Harbor region

University of Texas at Austin, Austin, TX  
*Research Engineer*  
November 2003 – May 2005

**Responsibilities:**

- Small molecule, protein, and peptide analyses
- Proteomics studies: database matching and protein mixture analysis
- Maintain and calibrate multiple mass spectrometers
- Collaborate with students and faculty on sample analysis
- Instruct students on operation of self-service mass spectrometers

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**EDUCATION**

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University of Texas, Austin, TX  
B.S. Petroleum Engineering  
May 2008

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University of Texas, Austin, TX  
B.S. Biochemistry  
December 2001

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**REFERENCES**

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References are available upon request.