Akshay Gollapalli

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UH Cum. GPA: 3.7 | SAT: 800 Math & 800 Verbal

**Summary**

I am a student studying applied mathematics with a strong interest in augmented reality. I am currently working as an intern in the oil and gas industry. I have a working familiarity with such diverse fields as probability theory, organic chemistry, neurobiology and mathematical analysis. I have an analytical mind and good communication skills. I am looking to gain experience in the fields of augmented reality, virtual reality and the application of both to industry and education.

**Education:**

* 2015–present: Mathematics at University of Houston
* 2012–2015: Neuroscience at Baylor University
* Projected graduation: Spring 2017
* Coursework in:
  + Mathematics—Mathematical Analysis, Linear Algebra, Differential Equations, Mathematical Biology
  + Neuroscience—Neuropharmacology, Behavioral Neuroscience
  + Biology
  + Physics
  + Chemistry—General and Organic

**Post-Graduation Goals:**

* Work in industry in a job related to augmented reality.
* Advanced study in applied mathematics as related to neurobiology.

# **Competencies**

#### C++

#### Unreal Engine

#### MATLAB

* + Large Matrix Computations
  + Scientific Computing
  + Numerical Analysis
  + Mathematical Modelling

#### R statistical package

* Python programming using NumPy and SciPy

### Excel 2010 and 2013

* + Data Analysis
  + Charts
  + Pivot Tables
  + Power Pivot

**Internships:**

* Sunoco LP—Logistics Intern; June 2016 to Present
  + Analyzing fuel sales from various gasoline suppliers. Working with dispatch team and external suppliers to make sure we have required fuel supply to send to our retail sites. Using SQL data and ARIMA/ X-11 forecasting to predict future sales in various markets.

**Volunteer Service:**

* 18 hours at the Family Abuse Center through Medical Service Organization—Spring 2013
* 30 hours through Public Health Campaign: Get Covered America—Fall 2013

## **Extracurricular Activities**

* Powerlifting
* Guitar
* Reading
* Writing