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## Education

December 2015	Bachelor of Science, Computer Science with a minor in Mathematics <b>University of Texas of the Permian Basin</b>
May 2012	Odessa High School

## Technical Skills

- **Languages:** Java, C, C# (.NET), PHP, JavaScript, JSON, HTML, CSS, XML, SQL, Python, Ruby
- **Operating Systems:** Windows 95/98/2000/ME/XP/Vista/7/8/8.1/10  
OS X: Yosemite, El Capitan  
Linux: Ubuntu, Amazon Linux
- **Software:** Microsoft Office, Adobe CC Suite (particularly Photoshop and Premiere Pro), Visual Studio, Eclipse, Android Studio, Apache Web Server, MySQL, phpMyAdmin
- Experience with source control repositories (git)
- **APIs / Frameworks:** jQuery, Angular, Bootstrap, Tweepy
- **Database Software:** MySQL, H2, MongoDB
- **Computer Hardware:** Experienced in the building and day-to-day to maintenance of PCs. Significant knowledge of computer hardware including: CPUs, RAM, GPUs, Storage (HDD and SSD), PSUs, and Motherboards.
- Experience in troubleshooting and stress-testing using industry standard software (MemTest86, Prime95, FurMark)
- Troubleshooting / general use of Windows PowerShell / Command Prompt and the OS X / Linux Terminal
- Experienced in the creation, maintenance, and deployment of Amazon EC2 instances (virtual servers)

## Courses Taken

Intro to Comp Sci I & II (Java)	Information Systems
Digital Computer Organization	Data Structures
C Programming	Discrete Mathematics
Programming Languages	Database Systems
Multimedia and Web Development	Intro to Game Development
Data Communications	Software Engineering

## Work Experience

December 2015 - Present

Self-employed, Freelance Programmer

## Applications Developed

- **UTPB AR** - A mobile application developed for the Android operating system. For this project I managed a team of three, including myself. This application made use of augmented reality technology through the implementation of the Wikitude SDK. UTPB AR used image recognition to provide the e-mail addresses and telephone numbers of the computer science faculty to the user. In addition, the application also used location-based technology to provide users with a virtual map of the UTPB campus.  
**UTPB AR**- <http://utpbar.com>
- **Employee Management Software** - Unnamed project created to fulfill the requirements of the undergraduate course 'Database Systems.' The software was developed for the Windows operating system for management of employees in a database. It was written in C# and had a backend MySQL database. The software also had the ability to connect to a remote database, though this was not used in the final implementation.
- **Game of the Hour** - A twitter bot that tweets a random video game every hour. It was written in Python and makes use of Tweepy, a Python wrapper for the Twitter API. Game information and images are pulled from the Giant Bomb wiki using the Giant Bomb API.  
**@gameAnHour** - <https://github.com/jacobjordan94/Game-of-the-Hour>
- **The Quaking Floor** - Written in pure Java, The Quaking Floor was a video game created to fulfill the requirements of the undergraduate course 'Intro to Game Development'. It is a top-down, 2-D shooter that runs on Windows, OS X, and Linux. This project made use of many advanced data structures, such as ArrayList and HashMap. The game also had support for custom, user-created levels.

## **Awards and Honors**

- Deans Honor Roll - 4 times
- Presidents Honor Roll - 1 time