BRANDON ARROYO

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Education
Texas A&M University, College Station, TX. (Graduation May 2017)
- Bachelor of Science in Computer Science
- Minor in Mathematics, Minor in Business
- GPA 3.28

Work Experience
Valero Energy Corporation, San Antonio, TX. (May 2015 - Aug 2015)
- Saved the company Four work hours every week on creation of dashboard
- Automation of a dashboard for monitoring refinery work requests
- Data models in SAP HANA studio to query HANA's database

Projects
Context.io DevPost Challenge (Aug 2015)
- Email statistics visualization web application
- nvd3.js visualization which is an extension from d3.js
- Angular.js was used alongside d3.js for the front end work

Hola (Aug 2015)
- Placed 4th at Hack the Planet; Language learning texting application
- Worked with MyMemory translation API for the language translations
- Parse was used as a backend along with Twilio API
- Worked on front end with HTML and JavaScript

Msic (Mar 2015)
- Placed in Top 8 at SXSW hackathon; Kinect motion tracking game with Cardboard VR
- Worked with Xbox Kinect and Unity to track user's motion and enable interactions with objects created in game

Pusheen's Adventure (April 2015)
- Wrote Sobel algorithm in Java to perform edge detection on images from the Android camera

HackDFW Hackathon (Feb 2015)
- Worked with Unity and Oculus Rift to make a first person maze type game
- Exposure to C# programming

Technical Skills/ Class Work
- C++, Java
- JavaScript, HTML, CSS, Node, Express
- Android Studio
- Current relevant classes
    Parallel Computing, Design Analysis Algorithms, Data Mining, Cryptography

Achievements and Organizations
- TAMUHack Committee member (Aug 2015)
- Texas Aggies Game Developers (Jan 2014)
- TACS – Texas A&M computing society (ACM/IEEE-CS) (Jan 2015)
- Phi Eta Sigma Honor Society (Jan 2014) - Minimum GPA: 3.5
- Aggies Making a Difference (Jan 2014) - Founding Member
- Eagle Scout, Boy Scouts of America (May 2009) - Senior Patrol Leader of Troop