

# JARED PINARGOTE

Lehi, UT · jaredpnrgt@yahoo.com · 301-821-0941 · <https://www.linkedin.com/in/jared-pinargote>

## EDUCATION

### Brigham Young University - Idaho

BS Software Engineering GPA: 3.8

Rexburg, ID

Jan 2016 - Dec 2017

## PROJECTS

### AR Interior Planning - Geomni *ARKit, iOS Development*

- Creates floor plans by users scanning walls in augmented reality.
- Corrects for noise and drift using geometric optimization algorithms to align walls and rooms to each other.
- Intuitive design allows users to quickly learn and produce plans quicker than current AR floor plan creators with more accurate results.
- Experience with mobile development, MVM architecture, and geometric computation.

### VR Adjuster Demo - Geomni *Unity, Oculus Rift SDK*

- Simulates the potential future of insurance adjustment in VR for demos at trade shows.
- Users are able to select damaged roof faces, walls, and other items to calculate total cost of replacement.
- Provided amazing brand recognition and initiated continuing conversation of attendees with company representatives.
- Demo video here: <https://youtu.be/ipA9AQCUB5w>

### VR Music Visualizer - School *Unity3D, C#, Oculus SDK, Gear VR*

- Music visualizer for mobile VR that allows users to select a song and view an audio reactive environment with limited interaction using a 3-DoF controller.
- Contained a 3D UI created to navigate the device's file system to load MP3 files.
- Experience with C# and real-time signal analysis.

## EXPERIENCE

### Geomni

AR Software Engineer

Lehi, Utah

December 2017 | Present

- Increased brand interest significantly by creating solid prototypes with AR/VR technology.
- Optimized AR rendering to increase complexity of room scans by over 500%.
- Impressed management time and time again with the ability to present novel ideas and realize those ideas in a timely manner.
- Kept management in the loop effectively with clear and impressive demo presentations.

### EZNetTools

Programmer Intern

Rexburg, ID

February 2017 | September 2017

- Optimized internal company management with a PHP-backed portal.
- Improved company perception with friendly interactions in technical support

## SKILLS

Programming: Swift, C#, C++, Kotlin, JavaScript, jQuery, HTML, Node.JS  
Languages: English, Spanish, Portuguese  
Interpersonal: Cooperative, Team Leader, Written Communication, Media Presentation, Public Speaking  
Other: Rapid Prototyping, Linear Algebra, Calculus, Geometry, Kinematic Physics

## VOLUNTEER

### Missionary - The Church of Jesus Christ of Latter-day Saints

May 2013 - April 2015

Spent two years as a church representative planning meetings, setting goals, and organizing mission work. Visited the needy and helped maintain church organization in Espirito Santo, Brazil. Learned to cooperate with people from differing backgrounds and culture.