

Ivan Thomas Klus

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Work Experience

Live Well Collaborative Jan. 2017 - Apr. 2018

- Developed a VR tour website for Children's Hospital Liberty Campus
- Interviewed medical professionals and took 360 photos for virtual tour content
- Collaborated with flight attendants to create an AR assistant and interface for Boeing
- Constructed mixed reality experiences for a health and wellbeing learning loft

Magic School Bus Project Aug. 2017 - Apr. 2018

- Devised a VR app for analyzing and dissecting human anatomy in Unreal Engine 4
- Researched VR's potential in the medial and architectural fields

Scenario Learning Jan. 2015 - Dec. 2016

- Instituted and oversaw IT Service Desk ticketing system
- Developed issue tracking migration software in Perl

UC College of Engineering and Applied Science Aug. - Dec. 2014

- Tutored Matlab, Pre-Calculus, Calculus 1, and Calculus 2

Patents

Virtual Assistant: Boeing Onboard (17-1295-US-NP)

- BO is an AR assistant that provides passengers with curated info and entertainment
- Top 3 finalist for a 2018 Crystal Cabin Award

Technical Skills

Computer Languages: A-Frame, Angular 4, JavaScript, TypeScript, HTML 5, CSS, and C#

Software: Unreal Engine 4, Unity 5, Autodesk Maya, AWS EC2, and JIRA Service Desk

Education

University of Cincinnati Class of April 2018

GPA: 3.4 Major: Computer Science

- Cincinnati Century Scholarship
- George and Elaine Ketter Scholarship

Volunteer Experience

St. George Food Pantry Sep. 2012 - Aug. 2017

- Distributed food and health goods to homeless

Extracurricular Activities

Cincinnati Navigators: Emceed for meetings and assisted with event planning

Revolution UC: Participated in 5 Hackathons and won 1st place in "Best use of IBM Watson"

Club Ultimate Frisbee: Captain of UC's B division club team in the 2014-2015 season