

Raul Altosaar

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<http://raul.earth/>

Education

- 2015-2019 **BFA, Integrated Media.**
Ontario College of Art and Design (OCAD) University, Toronto, Canada
- *W.P. Drysdale Scholarship awarded for highest GPA in program*
 - *Dean's Honour List*

Research Experience

- 2018-2019 **Research Assistant.** Principal Investigator: [Professor Judith Doyle](#)
Social Media and Collaboration Lab, OCAD University
- *Captured motion and gesture using 3D depth cameras*
 - *Converted resulting volumetric videos into animated point clouds in Unreal Engine*
 - *Implemented visual noise algorithms to reveal motion trajectories*
 - *Resulted in three collaborative exhibitions*
- 2018-2019 **Independent Study.** Advisor: [Dr. Adam Tindale](#)
OCAD University
- *Research & development of non-visual virtual reality applications for music and performance*
 - *Resulted in a conference presentation and co-authored paper*
- 2017 **Independent Study.** Advisor: [Professor Michael Page](#)
OCAD University
- *Investigated computer vision applications for virtual environments*
 - *Resulted in three international exhibitions*

Refereed Conference Proceedings

- 2019 R. Altosaar, A. Tindale, J. Doyle. "Physically Colliding with Music: Expressive and Embodied Interactions with a Non-visual Virtual Reality Instrument," Proceedings of the Thirteenth International Conference on Tangible, Embedded, and Embodied Interaction. ([preprint](#))

Invited Presentations

- 2018 [Music In New Technologies Conference](#), Halifax, Canada
- *Presentation on the applications of non-visual virtual reality for music and performance*
 - *Live performance using [A Very Real Looper](#)*

Selected Exhibitions

- 2018 [Multiple Contingencies](#), 32nd Meeting of the Society for Literature, Science, and the Arts, Toronto, Canada
- 2018 [First Workshop on Computer Vision for Fashion, Art, and Design](#), European Conference on Computer Vision, Munich, Germany
- 2018 [Multisensory Exposition](#), Third Conference of the International Association for Cognitive Semiotics, Toronto, Canada
- 2018 [The 5th Life, Art, Science, and Technology Festival](#), Stanford University, Stanford, California
- 2018 [Tech Art Fair](#), Ontario Science Centre, Toronto, Canada
- 2017 [Fantasy Direct: LARP for The Wrong New Digital Art Biennale](#), Hong Kong
- 2017 [Fantasy Direct: LARP for The Wrong New Digital Art Biennale](#), Seoul, Korea
- 2017 [Burned Forest Black Metal](#), Mosor, Croatia
- 2017 [Talk Show](#), Olly Olly, Washington D.C
- 2017 [Life/Death/Life](#), 187 Augusta, Toronto, Canada
- 2017 [Anywhere, Anytime](#), afterschool, Toronto, Canada
- 2016 [Every Day is a Lifetime](#) (solo exhibition), Gärtnergasse, Vienna, Austria
- 2016 [Don't Care About Losing](#), Karl Projects, Toronto, Canada

Selected Press

- 2018 [Experiencing Human-Computer Interaction](#), Interlalia Magazine
- 2018 [SciArt Highlights from Tech Art Fair](#), SciArt Magazine
- 2017 [Fantasy Direct: Group Show at Yongma Charm Space](#), Tzvetznic
- 2017 [Hacking into Taught Identity at Seoul's Yongma Charm Space](#), AQNB
- 2017 [Burned Forest Black Metal in Croatia](#), Tzvetznic

Work Experience

- 2016-18 [Marmco](#). Toronto, Canada
Project Manager and Studio Assistant
- *Project management for four large-scale public artworks*
 - *Architectural visualization, video production, and digital compositing*
- 2017 [Qrint Studio Inc.](#) Toronto, Canada
Academic Field Placement
- *3D printing, scanning, and visualization*
 - *Developed an understanding of Rhino, Maya, ZBrush, and Unreal Engine*

Community Involvement

- 2018 **Centre for Emerging Artists and Designers**, OCAD University
Student Career Ambassador
- *Advised undergraduate students about career paths in art, design, and technology*
 - *Active outreach to students regarding relevant opportunities, calls for submission, etc.*
- 2018 **Unreal Club**, OCAD University
Co-founder
- *Organized bi-weekly student meetings to discuss AR/VR technologies*
 - *Facilitated skill-sharing and equipment access*
- 2017 **Afterschool Student Organization**, OCAD University
Co-founder
- *Organized weekly, well-attended discussions with local and international artists*
 - *Curated and organized large-scale exhibitions of student work, often with 70+ participants*