Zachary Talis

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Education

Rochester Institute of Technology
B.S. Applied Arts and Sciences, cum laude

Virtual Reality and Digital Identity Studies   *Graduated May 2021*

Toolkit

- **Frequently uses** Penpot (Wireframing), FL Studio (Audio), Blender (3D), Substance Suite (Texturing), Linux/Windows.
- **Codes in** HTML/CSS/JS, Python, C#, Java.
- **Experience with** Adobe Creative Suite, Krita, Unity, Visual Studio, OBS Studio, MuseScore, Kdenlive, Source 2.

Projects and Activities

- **Full Bloom - Team Lead/3D Artist**
  - Full Bloom is a virtual musical instrument developed in Unity for desktop VR headsets.
  - Managed asset pipeline, maintained project scope, modeled and textured environment from scratch.
  - Project accepted by and showcased at VR Toronto, ACM Siggraph, and RIT Frameless Symposium.
  - Spoke at and presented a 45-minute interactive music performance at VR Toronto ("Fervor in Full Bloom").
- **Nowhere New (Original Game Soundtrack) - Composer**
  - Commissioned by Space Girl Studios to write the soundtrack to their mystery game *Nowhere New*.
  - Final album clocks in at over a half-hour in length, incorporating soft ambient, electronic, and piano music.
  - Wrote sheet for and collaborated with a pianist for the track "Recidivist". All other tracks produced in FL Studio.
- **Hull - Designer/Artist**
  - Designed and set-dressed Hull, a popular third-party addon for the Source 2 VR title *Half-Life: Alyx*.
  - Fabricated various custom models and materials to complement an existing artstyle.

Professional Experience

internalDrive, Inc. (iD Tech Camps)   *Bethlehem, PA*
Instructor   *Jun - Jul 2019*

- Integrated programming and circuitry coursework with hands-on activities and group projects.
- Coordinated with other instructors to maximize student safety and to ensure academic growth.
- Instilled within young students a passion for the fundamentals of computer science.

Tradesmen International (division of the Blackstone Group)   *King of Prussia, PA*
Operations Assistant   *May - Aug 2018*

- Acted as a liaison between field employees, branch offices, and corporate offices to facilitate accurate timekeeping.
- Organized and digitized internal documents to expedite field employee payroll.
- Managed business contacts via Bullhorn CRM.