

Daniel J. Reyes

17995 Lost Canyon Rd #149
Canyon Country, CA 91387
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Interests

Mechatronics, 3D Printing, CNC, Welding, Robotics, Circuit Design, Industrial Design, Machine Learning, Music Composition, Digital Signal Processing, Creative Computer Programming.

Experience

Sound Engineer, R.O.D. Concert Hall @ CalArts, Valencia, CA | 2011 - 2015

Run, manage, record and mix live concert events.

Digital Fabrication Lab Tech - Ajay Kapur, Valencia, CA | 2012 - 2015

Constructed a Shapeoko 2 Desktop CNC and TAZ 3D printer for the digital fabrication studio. Maintained the condition of each machine, as well as assisted with custom designs.

Research Assistant - Ajay Kapur, Valencia, CA | 2013 - 2015

Developed software and designed enclosures for Citygram, a sound visualization project in collaboration with NYU, and funded by Google. Assisted in research for a National Science Foundation grant in teaching STEM to artists.

Internship, Ilan Dei Studio, Venice, CA | 2013

Assisted in the design of a pneumatic fountain along with handy work around the fabrication shop.

Teaching Assistant, CalArts Music Technology, Valencia, CA | 2013

- MTEC-313 - Intro to Programming for Musicians, Ajay Kapur | Funded by NSF
- MTEC-333 - Interface Design, Ajay Kapur
- MTEC-615 - Intro to Digital Fabrication, Michael Darling
- MTEC-441 - Composition for Robots, Spencer Salazar

Education

California Institute for the Arts, Valencia, CA - BFA in Music Technology (2015)

Skills

Programming

Python, Objective-C, Javascript, CSS, HTML, Processing, ChuckK

Microprocessor

Arduino, Raspberry Pi

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Circuit Board Design

Altium Protel, Eagle

CAD/CAM

Solidworks, Illustrator, CamBam

Fabrication

Carpentry, Welding, CNC, 3D Printing

Selected Works

Resonant Spectra - WaveCave, CalArts (2015) | [Video](#)

Artifacts - Digital Arts Expo, CalArts (2015) | [Image](#)

Cymbalic - Digital Arts Expo, CalArts (2014) | [Video](#)

Post-Wave - Digital Arts Expo, Valencia (2013) | [Video](#)

Referrals

Ajay Kapur | ajay@karmetic.com

Michael Darling | mdarling@calarts.edu