Dashiel Carrera

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EDUCATION

M.F.A.   2021
Virginia Polytechnic Institute and State University, Blacksburg, VA
Fiction, New Media Writing, 4.0 GPA

A.B., With Honors   2017
Brown University, Providence, RI
Major Literary Arts, Minor Computer Science

EXPERIENCE

Echo Lab, Virginia Tech (link)   Current
Graduate Research Assistant, under Pfr. Sang Won Lee

- Researched the effects of watching real-time writing process playback on writer expressivity and engagement
- Developed web modules, created user study survey, and conducted ethnographic research interviews with writers (JavaScript, CodeMirror, AmazonTurk)
- Carrera, Dashiel, Lee, Sang Won. "Watch Me Write: Revealing Creative Process with Writing Replay" Currently in review CHI 2021.

The New River: A Journal of Digital Art and Literature (link)
Digital Editor   Current

- Created new website for oldest running Digital Literature magazine in the US
- Helped edit and select submissions from the Electronic Literature Organization

metaLAB at Harvard (link)   Summer 2017
Digital Humanities Research Intern, under Pfr. Jeffrey Schnapp

- Wrote article on the use of LDA topic modeling to redefine disciplinary boundaries in Harvard's corpus of historical course data (SciPy, NLTK, gensim)
- Created website that enables users to visually explore 100 years of Harvard's educational data (Elasticsearch, PostgreSQL)

Opera of the Future, MIT Media Lab (link)   Summer 2014
Audio Software Developer, under Pfr. Tod Machover

- Developed interface and communication modules for OSC and other protocols networked together to live production system (Javascript)
- System later used as part of Ariana Grande Honeymoon Tour

Wellington Lux Light Festival (link)   Spring 2013
Arts and Software Development Intern

- Built interactive public light exhibits in Wellington, New Zealand
- Constructed mobile web app to present users with map and program of exhibit

NEXA Center for Internet and Society (link)   Fall 2012
Research Developer, under Dr. Simone Basso

- Developed modules client-side for TellMeFirst, tool for enriching textual documents via Linked Open Data (JavaScript, HTML, CSS)
- Developed new data storage system and frontend for Neubot, net neutrality detection system (Python, JavaScript, HTML, CSS, sqlite)

Mirny Lab, MIT (link)   January 2011 to September 2012
PRIMES Computational Biology Researcher, under Pfr. Leonid Mirny

- Made computer model that found role of cell fusion in cancer; presented at MIT (Python, SciPy, Computing Cluster)

GRANTS + AWARDS

Institute for Creativity, Arts, and Technology Student Seed Grant 2019, $1000
Adaptation of Jorge Luis Borges's collection *Zoología Fantastica*, interactive 3D Model and bilingual storytelling sound box projected onto fog. (Three.js, Logic, Abelton)

International Initiative Grant 2020, $450
Received additional funding to display *Zoología Fantastica in the Mist* downtown to promote international learning and cross-cultural empathy.

Emily Morrison Prize in Poetry 2020, 1st Place, $1000
Judge Magdalena Zurawski said, "A fraught surrealism deftly assembles these imagistic poems into landscapes of failed psychic escapes."

New Media Writing Student Writing Prize 2018, Finalist
For "Victoria Park Found Dead at 45," an expansive network of faux-NYTimes obituaries, funeral testimonials, videos, music, and interactive electronic literature.

Dzanc Book Prize 2018, Longlist
For novel manuscript *The Deer*, out June 2021 from Dalkey Archive Press.

WXIN Rock Hunt 2016, 1st Place, $1000
Received grand prize of $1000 for winning Providence battle of the bands with my band Feng Shui Police.

Brown University Creative Arts Council Grant 2014, $1000
Customized light waterfall pattern generated based on ID swipe mapped realtime to RGB NeoPixels. (Processing, Arduino)

HackCooper 2014, 2nd Place, $666
HighFrequencyStealing, 2 player speed reaction game where every round the loser automatically makes a small Venmo transfer to the loser. (Arduino, Processing, GoogleAppEngine, Python)

HackPrinceton 2013, Crowd Favorite, $1000
PersonalRave, mask which maps the light intensity in the surrounding environment to a series of secondary colors for the wearer of the mask. (Arduino)

EXHIBITIONS + PERFORMANCES

Performances

1. *Death of a Poem: Live Writing Audiovisual Performance*, Electronic Literature Organization, University of Central Florida, Orlando, Florida, Summer 2020 (Cancelled).

   Performance in which poem is composed live in front of an audience with dynamic temporal typography and sound effects.

2. *The Deer: New Media Adaptation*, Electronic Literature Organization, University College Cork, Cork, Ireland, Summer 2019.

    Performed audio-visual adaptation of my novel *The Deer*, later published by Dalkey Archive Press.

3. *Sound of Space: An Interactive Afrofuturist Experience*, The Cube, Blacksburg, VA, Spring 2019.

    Co-directed interactive installation with Afrofuturist mixtapes and cyclorama projection in a 360 surround sound theater.

4. *Dashiel Carrera solo performance*, Firehouse 13, Providence, RI, Fall 2016.

    Performed solo set for 75OrLessRecords benefit gig.

5. *Various Rock Performances*, (The Met, AS220, O'Brien's, The Parlour, News Cafe...), New England, 2014-2016.

    Performed over 30 paid performances with my punk band Feng Shui Police.

6. *Practice*, Grant Recital Hall, Brown University, Providence, RI, Spring 2016.

    Performed improvised monologue with quadrophonic sound effects and sample overlays.

7. *The Sabateur*, Grant Recital Hall, Brown University, Providence, RI, Spring 2016.

    Performed invented instruments made with Leap Motion, guitar, piano, and OSC connected iPads.

8. *Bug Music*, Grant Recital Hall, Brown University, Providence, RI, Fall 2014.

    Performed music with automated toy bugs and contact mics.

9. *Hex on Math*, Grant Recital Hall, Brown University, Providence, RI, Fall 2014.

    Performed invented instrument made from circuit bent Speak and Math toy.

Installations

10. *Zoología Fantastica in the Mist*, Moss Art Center, Blacksburg, VA, Spring 2020.

    Interactive 3D storytelling adaptation of Jorge Luis Borges's compilation of international fairy tales. (Three.js, Logic, Abelton)

11. *Light Waterfall*, Brown University, Providence, RI, Spring 2014.

    Guerrilla install of a light waterfall that generates custom patterns based on swipe of student IDs.

12. *Moon Printer*, Granoff Center for the Arts, Brown University, Providence, RI, Spring 2014.

    Receipt printer that printed a stream of the current moon phase every day for a month.

TEACHING Instructor ENGL 2744 Creative Writing (Online) Spring 2021

- Wrote lesson plans, created syllabus, lectured, led discussion, and gave feedback on 20 students' creative works
- Taught CNF, poetry, fiction, and New Media writing

Instructor ENGL 5974 Editing a Digital Journal (Grad level) Spring 2020

- Led graduate seminar on editing a journal devoted to New Media and Electronic Literature
- Taught Introductory Web Programming (HTML/CSS)

TA ENGL 2744 Creative Writing Spring 2020

- Led lectures, discussions and provided individual feedback as part of course on CNF, poetry, fiction, and playwriting

Instructor ENGL 1105: Intro to Composition (Online/In Person) Fall 2019, 2020

- Wrote lesson plans, created syllabus, lectured, led discussions, and gave feedback to 20 students from a variety of cultural and disciplinary backgrounds
- Created course website
- Taught students basic website creation to deploy as part of course project

TA ENGL 4684 Afrofuturism: To Vibranium and Beyond Spring 2019

- Co-Directed interactive audio visual installation based on student mixtapes in the Cube at Moss Art Center, a 360 spatial audio performance center
- Co-Directed installation in Newman Library on imagined future devices that could provide social impact
- Led discussions and taught classes on creative process

PUBLICATIONS

Fiction

1. **Carrera, Dashiel** "The Deer: A Novel", Dalkey Archive Press, McLean, Illinois, June 2021 (forthcoming).

Academic

2. **Carrera, Dashiel**, Lee, Sang Won. "Watch Me Write: Revealing Creative Process with Writing Replay" Currently in review CHI 2021.

3. Thompson, Tyechia, **Carrera, Dashiel** "Afrofuturist Intellectual Mixtapes: A Classroom Case Study" In Digital Humanities Quarterly. Boston, MA, 2020.

4. **Carrera, Dashiel** "Finding the Missing Departments: Topic Modeling in the Harvard Course Catalog" In Harvard's metaLab medium. Cambridge, MA, 2017.

New Media

5. **Carrera, Dashiel** "The Deer: New Media Adaptation" In The New River: A Journal of Digital Art and Literature, Blacksburg, VA, 2019.

Non Fiction

6. **Carrera, Dashiel** "Art and Futility: A Review of Juan Cardenas's *Ornamental*, Translated by Lizzie Davis" In Los Angeles Review of Books, Los Angeles, CA, 2020.

7. **Carrera, Dashiel** "Against the Grain: John O'Brien on the Possible Dalkey Archive/Open Letter Merger" In Los Angeles Review of Books, Los Angeles, CA, 2020.

8. **Carrera, Dashiel** Vipers, Robots, and Cheese Casseroles: Matthew Vollmer on *Permanent Exhibit*, In Los Angeles Review of Books, Los Angeles, CA, 2018.

Music

9. **Carrera, Dashiel**, "Plastic Astronauts LP", 75OrLessRecords, Providence, RI, 2018.

10. **Carrera, Dashiel**, "Plastic Astronauts EP", 75OrLessRecords, Providence, RI, 2017.

11. **Carrera, Dashiel**, Harris, Evan, "Graduation Sensation", 75OrLessRecords, Providence, RI, 2017.

12. **Carrera, Dashiel**, Johnson, Hariz, Harris, Evan, "Coffee with the Feng Shui Police EP", 75OrLessRecords, Providence, RI, 2015.

13. **Carrera, Dashiel**, Johnson, Hariz, Harris, Evan, "Thank You EP", 75OrLessRecords, Providence, RI, 2015.

CONFERENCE PRESENTATIONS

The Deer: A New Media Adaptation, Electronic Literature Organization, Cork, Ireland. Summer 2019

- Presented artist talk about audio visual adaptation of my novel *The Deer*, later published by Dalkey Archive Press.

Intrepid: The Exploratory Word Processor, Computers and Writing Conference, Lansing, Michigan. Summer 2019

- Constructed *Intrepid*, dynamic word processor which encourages students to write uninhibited through experimental features: hiding all text except for the current word being typed, text-to-speech in the process of writing...
- Presented application within academic research context

Intrepid: The Exploratory Word Processor, Blue Ridge Corridors Conference, Blacksburg, VA. Fall 2019

- Presented demo and survey of student users of *Intrepid*
- *Intrepid* incorporated into Pakistani English classrooms following this presentation

OUTREACH   Summit ACT Prep Class for 1st Generation College Students   Spring 2018

- Taught free ACT Preparatory class for 1st generation college students

MFAngle Podcast Audio Engineer   Fall 2019

- Made jingle and served as audio engineer/editor for podcast that helps people of color navigate the creative writing MFA world
- Available on Apple Podcasts and Google Play