

COURTNEY T. NGAI

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EDUCATION

May 2019 Arizona State University, Tempe, AZ
Computer Science, Bachelor of Science (BS)
Dance (Minor)

CREATIVE WORK AND RESEARCH

Many of my creative projects explore producing movement in the present moment by drawing from my diverse background of various movement styles and technological experience.

I. Thesis/Creative Project ~ Barrett, The Honors College (2017-2018)

2017-2018	DCE 493: Honors Thesis	Melissa Britt (Director)
	DCE 492: Honors Directed Study	Eileen Standley (Second Committee Member)
	Arizona State University	Honors Advisor: Rob Kaplan

2018 *Immersion of Choice* (10 min)
9 dancers
Transitions Projects II: Fit to Be Tied.
Margaret Gisolo Dance Theatre, Arizona State University, Tempe AZ
Choreographer/Web Application Designer, Contemporary
This contemporary dance work ventured to redefine the relationship between audience and performers through integration of audience, technology, and movement in real-time.

II. Honors Class Project Contracts ~ Barrett, The Honors College (2015-2018)

2018 *Contemporary Ballet Combination* (1 min).
Arizona State University, Tempe, AZ
Carley Conder. Contemporary Ballet.
This project consisted of teaching a contemporary ballet combination involving focus on alignment, technique, and musicality. The combination highlighted how contemporary pushes the boundaries of ballet and morphing the familiar lines into shapes to execute emotion and intention.

- 2017 *Transitions Improvisation* (15 min).
Arizona State University, Tempe, AZ
Carley Conder. Postmodern Contemporary.
This project consisted of an improvisational teaching exercise involving time, space, and energy. The exercise involved groups of five people at a time, round-robin style, improvising and focusing on their movement transitions based off of the verbal cues that the outer group made.
- 2017 *Choice-Based Improvisation* (15 min).
Arizona State University, Tempe, AZ
Carley Conder. Postmodern Contemporary.
This project consisted of two groups and an online voting application. One group would improvise based on the options chosen by the other group.
- 2017 *Activewear For The Imagined Body*
Arizona State University, Tempe, AZ
Cynthia Roses-Thema. *The Body Condition(ed)*
The project consisted of a 10-page paper focusing on an aspect of conditioning the body or the condition of the body in current society.
- 2016 *Popping Freestyle Exploration* (3 min)
Arizona State University, Tempe, AZ and Phoenix, AZ
Anthony Denaro (YNOT). *Urban Movement*.
This project consisted of a culmination of popping freestyle private lessons and film-making component documenting site-based popping freestyle exploration in Downtown Phoenix Roosevelt Row.
- 2016 *Gaga Improvisation* (15 min)
Arizona State University, Tempe, AZ
Carley Conder. Postmodern Contemporary.
This project consisted of leading a 15 min Gaga improvisation exercise exploring different imagery and evoking movement qualities.
- 2015 *Stillness in Improvisation* (8 min)
Arizona State University, Tempe, AZ
Eileen Standley. *Somatic Practices*.
This project consisted of a deeper exploration of real-time composing – specifically phrasing within improvisational structures and the notion of pause or stillness whilst in motion.

PERFORMANCE EXPERIENCE

I. Performance and Creative Collaborations

- 2019 In Spirit (40 min)
Nov Emerging Artists 2 – MFA Dance Thesis Concert.
Arizona State University Nelson Fine Arts Center. Tempe, AZ
Choreographer: Elisa Reed
Dancer, Postmodern Contemporary
- 2019 Mental Footprint (3 min)
Mar Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ
Choreographer/Dancer, Contemporary/Krump/Popping
- 2019 Do You Feel Empowered? (3 min)
Mar America College Dance Association Informals Concert.
San Jose State University Dance Theatre. San Jose, CA
Choreographer/Dancer, Contemporary/Krump/Popping
- 2019 Sincerely, V (10 min)
Feb Transitions 1: Evolve
Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ
Choreographer: Jasmin Lopez
Dancer, Postmodern Contemporary
- 2019 Feels Like Breaking Up (10 min)
Jan Breaking Ground Contemporary Dance Festival
Tempe Center for the Arts. Tempe AZ
Artistic Director/Choreographer: Carley Conder
Dancer, Postmodern Contemporary
- 2019 Weight of Dust (10 min)
Jan Breaking Ground Contemporary Dance Festival
Tempe Center for the Arts. Tempe AZ
Choreographer: Eric Handman
Dancer, Postmodern Contemporary
- 2019 Excerpts from Breaking Ground 2019 (30 min)
Jan First Friday at Phoenix Arts Museum. Phoenix AZ
Family Sunday at Phoenix Arts Museum. Phoenix AZ
Artistic Director/Choreographer: Carley Conder
Dancer, Postmodern Contemporary
- 2019 *Explo* (10 min)
Jan Fauxchella at Barrett, The Honors College. Tempe AZ
Choreographer/Dancer, Contemporary/Popping Improvisation

- 2019
Jan *Do You Feel Empowered?* (3 min)
Performance with a View at Tempe Center for the Arts. Tempe, AZ
First Friday at Phoenix Arts Museum. Phoenix AZ
Choreographer/Dancer, Contemporary/Popping/Krump
- 2018
Nov *Wake Up Breathing* (45 min)
Emerging Artists 1 – MFA Dance Thesis Concert.
Arizona State University Nelson Fine Arts Center. Tempe, AZ
Choreographer: Zijia Kong
Dancer, Postmodern Contemporary/Improvisation Solo (5 mins)
- 2018
Oct *Content In Archi-texture* (4 min)
Fall Dance Undergraduate Show.
Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ
Choreographer/Dancer, Contemporary/House/Latin Improvisation
- 2018
Sept *Queen Deadend vs. Courtney* (7 min)
Katalyst Exhibition Battle.
The Jukebox Dance Studio Mesa, AZ
Dancer, Contemporary Improvisation
- 2018
Sept *The Future* (3 min)
Phx Diggs Deeper.
The Jukebox Dance Studio Mesa, AZ
Dancer, Contemporary/Popping Improvisation
- 2018
May *Rooted In Nothingness* (5 min)
The Ice House. Phoenix, AZ
Choreographer: Mac Allen, Courtney Ngai
Dancer, Contemporary
- 2018
April *A Long Road* (5 min)
DANCEFEST. Phoenix Arts Museum. Phoenix, AZ
Choreographer: Carley Conder in collaboration with ASU dancers
Dancer, Postmodern Contemporary
- 2018
Mar *Encounter* (6 min)
America College Dance Association Informals Concert.
Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ
Choreographer: Emily Laird
Dancer, Postmodern Contemporary
- 2018
Mar *You Don't Know Me But You Will* (4 min)
Spring Dance Undergraduate Show.
Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ

Choreographer/Dancer, Contemporary/Popping

- 2018
Feb
You Don't Know Me But You Will (4 min)
nueBOX X-perimental Art Night at Mesa Arts Center. Mesa, AZ
Choreographer/Dancer, Contemporary/Popping
- 2018
Jan
BONES (4 min)
Performance with a View at Tempe Center for the Arts. Tempe, AZ
Choreographer/Dancer, Contemporary/Popping
- 2017
Dec
GEOM (5 min)
Hope for the World Benefit Show
Director: Irene Ashu
Scottsdale Museum of Contemporary Art, Scottsdale, AZ
Choreographic Collaboration with Michelle Marji
Dancer, Contemporary/Popping
- 2017
Nov
Encounter (6 min)
Spring Dance Undergraduate Show.
Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ
Choreographer: Emily Laird
Dancer, Postmodern Contemporary
- 2017
Sept
Visix (5 min)
Barrett Talent Showcase, Arizona State University. Tempe, AZ
Choreographer/Dancer, Contemporary/Popping
- 2016
Sept
Timeless (3 min)
Barrett Talent Showcase, Arizona State University. Tempe, AZ
Choreographer/Dancer, Contemporary/Popping
- 2016
Mar
Respond (8 min)
Spring Dance Undergraduate Show.
Arizona State University Margaret Gisolo Dance Studio. Tempe, AZ
Choreographic Collaboration with Sandra Schoenewald/Dancer
Postmodern Contemporary
- 2015
Oct
Datsik (3 min)
Barrett Talent Showcase, Arizona State University. Tempe, AZ
Choreographer/Dancer, Contemporary
- 2015
July
One Sound (8 min). *Just Somebody* (3 min).
Red, White, and Chu Festival. Las Vegas, NV
Dancer, Contemporary
Choreographer: Peter Chu

WORK EXPERIENCE

I. Professional Experience

Software Engineer, PayPal, Inc. Scottsdale AZ Jul 2019 - Present

- Design and develop front-end applications using **React, Node.js**.
- Testing Frameworks: **Jest, Enzyme, Mocha, Chai, Sinon, Mockery, Selenium**
- Technologies used: **GraphQL, Jenkins, REST APIs**
- Collaborate with product and software architects to define, develop, and implement new credit products.

II. Technical Internships

Software Engineer, Intern, PayPal, Inc. Scottsdale AZ Summer 2018

- Designed a full stack web application for a few of PayPal's RESTful services in area of PayPal Credit
- Experience with ReactJS, Express.js, Node.js, Bootstrap, and SQL.
- Implemented SSO with 2FA into the full stack web application
- Created builds using Jenkins and deployed the application
- Solid foundation in data structures, algorithms and system design.

Software Engineer, Intern, Avnet, Inc. Chandler AZ Summer 2017

- Generated a PetaLinux Software Board Support Package v2016.4 utilizing Linux OS build scripts
- Released Installation Guide Manual v2017.1 for VirtualBox and Xilinx Vivado/SDK Tools
- Created iOS IOT Bluetooth application to demonstrate 3D Motion Graphics with user interactive motion. [Avnet MiniZed BLE](#)
- Demonstrated and presented IOS Application and Development Board BSP at Avnet Engineering Convention
- Attended 1-week Avnet FAE Technical Expo to discover electronics market trends and to explore latest innovations in software and hardware applications for Avnet deliverable product.

IT/Data Analytics, Intern, Avnet, Inc. Chandler AZ Summer 2016

- Investigated and researched IBM Bluemix Services for compatibility and functionality with Avnet IoT boards.
- Modified IoT IBM Bluemix UI dashboard web application code using HTML, JavaScript, and CSS.
- Demonstrated IBM Bluemix application and new dashboard at Avnet Field Application Engineering Expo
- Updated PetaLinux Board Support Package builds via modification of build scripts on Linux OS and released board status from v2015.4 to v2016.2 for Avnet Zedboards: PicoZed, MicroZed, and Zync Mini-ITX.
- Presented webcast presentation to upper management on the PetaLinux BSP update and improvements.

II. Personal Projects

- iOS Bluetooth Sensor App (2017). Created an iOS IoT App prototype that displays the accelerometer, temperature, and humidity data from a Bluetooth LE hardware device. Swift 3
- PetaLinux 2017.1 BSP (2017). Generated a Board Support Package using Vivado 2016.4 for Avnet Zedboards
- Temperature Dashboard (2016). Redesigned the user-interface on a web application to display the temperature data from a microcontroller. IBM Bluemix, HTML, Javascript, CSS

III. Programming Languages, Frameworks, and Digital Technology

- Javascript, HTML5, CSS, SQL, Python, Java, C/C++, GraphQL, Swift 3, MIPS Assembly, Scheme, Prolog, Tcl
- React, Node, Express
- IntelliJ IDEA, IntelliJ CLion, IntelliJ Pycharm, XCode, MS Visual Studio 2015, Eclipse, IBM Bluemix, Vivado 2016.4-2017.2
- Mac OS X, Linux (Ubuntu), Windows, VirtualBox, Git, VMWare Fusion Pro 10
- Word, Excel, PowerPoint, MS Access, OneNote

TEACHING EXPERIENCE

Dance Instructor, Dance Connection Scottsdale, Scottsdale AZ 2014-2017

- Assistant and Substitute Dance Instructor to students from 3 to 17 years of age.
- Incorporates curriculum, demonstration, interaction, and leadership skills.
- Dance instruction in dance styles including Ballet, Contemporary, Improvisation, Hip Hop, Jazz, and Tap.

AWARDS & SCHOLARSHIPS

- New American University Scholar – President’s Award (ASU): Fall 2015 – Spring 2019
- Ira A. Fulton Schools of Engineering Dean’s List: Fall 2015-Fall 2018
- NYCDA Outstanding Regional Dancer Runner-Up, Summer Dance Intensive Scholarship (2015)

DANCE TRAINING

2015-2019	DCE 461: Transitions Projects II	Carley Conder
Arizona State University	DCE 460: Transitions Projects I	Carolyn Koch
	DCE 335: Contemporary Ballet III	Carley Conder

	DCE 334: Postmodern Contemporary (PMC) III DCE 234: PMC II DCE 134: PMC I	Carley Conder
	DCE 338: Urban Movement Practices Ensemble	Melissa Britt, Sam Wells
	DCE 233: Urban Movement Practices II	Melissa Britt
	DCE 133: Urban Movement Practices I	Anthony Denaro
	DCE 136: Somatic Practices I	Eileen Standley
	DCE 303: The Body Condition(ed)	Cynthia Roses-Thema
2009-2017 Dance Connection Scottsdale Directors: Lisa Waddell and Lori Johnson	Improvisation/Composition, Contemporary, Latin, Ballroom, Tap, Jazz, Hip Hop, Jazz Funk	Peter Chu, Emma Portner, Dana Metz, Erica Marr, Lauren Adams, Grace Gallagher

COMMUNITY ENGAGEMENT

- St. Mary's Food Bank Alliance. Mesa, AZ (2016-Present)
- Feed My Starving Children. Phoenix, AZ (2013-Present)
- Gathering Grounds Café. Mesa, AZ (2010 –2012)