

Jas Bordeau Brooks

education

Ph.D. student in Computer Science, University of Chicago, 2018 – Present.

Research interest: Interactive smell and taste devices.

Advisor: Assist. Prof. [Pedro Lopes](#)

B.Sc. in Computer Science, University of Chicago, 2016.

awards

NSF Graduate Research Fellow (NSF GRFP), est. \$138,000	2018 – 2023
Chicago Awesome Foundation, “ Community-Based Olfactory Education ”, co-PI with Ele Edreva, \$1,000	2019
Graduate Council Academic & Professional Funds, for “ Smellscapes in ancient Egypt ”, \$500	2018
National Science Foundation Travel Award to MoBI 2018, \$2,100	2018
Student Creativity Grant for <i>Momodà no Kissaten</i> , \$3,255	2016
Dean’s Fund for <i>Simulathon</i> , \$500	2016
Game Changer Chicago Design Lab Undergraduate Fellow	2015 – 2016

talks

Invited talks

SAIC (Arts & Technology Studies) hosted by Lect. Tedd Neenan	Oct 2018
University of Sussex (SCHI Lab) hosted by Prof. Marianna Obrist	May 2018
SAIC (ATS) hosted by Lect. Brenda Lopez	Feb 2018
SAIC (ATS) hosted by Lect. Brenda Lopez	Oct 2017

Workshops

“Scenting arduinos,” Flood’s Hall , with Ele Edreva for CBORG	Apr 2019
“DIY VR peripherals intro,” SAIC (ATS) hosted by Lect. Brenda Lopez	Oct 2017
“ALCF Graduate Scholarship & Fellowship Workshop,” Argonne	Jul 2018

experience

Research

Community-Based Olfactory Research Group (CBORG) Roving research team with Ele Edreva focusing on collective resistance through olfactory education.	2019 – Present
Associate Software Developer, Argonne National Laboratory	2017 – 2018
Research Aide, Argonne National Laboratory <i>Advisors:</i> Joseph Insley, Silvio Rizzi Co-advised one undergraduate intern. Laboratory representative for VRat conference of national laboratories.	Summer, Fall 2016
Undergrad Fellow, Game Changer Chicago , University of Chicago	2015 – 2016

Teaching

Lecturer, Virtual Reality (ATS 4135), Arts & Technology Studies, SAIC Fall 2018
 Designed and teaching masters course on VR (14 students; 6 hours per week).
 Offered optional, weekly seminar introduction to programming.

arts/outreach

Independent Curator, University of Chicago 2018 – Present
 Co-hosted (alongside [Oriental Institute](#)) talk accompanied by scents from [Dora Goldsmith](#) on olfaction in ancient Egypt (Nov 2018). Secured funding for “[Smellscapes in Ancient Egypt](#)” from the University of Chicago’s Graduate Council.

ArtScience Seminar, [STAGE Laboratory](#), University of Chicago Summer 2018
 Created and lead seminar on scientific outreach through visuogustatory VR.
 Resulted in ongoing visuogustatory VRpiece “Perfect Melon”.

Researcher, [STAGE Laboratory](#), University of Chicago Fall 2017 – Present
 Lead dramaturgical and multi-sensory efforts in *Bend, Fold, Break*.

Sanitary selves, Reva & David Logan Center for the Arts Mar 2017
 Commissioned visual-olfactory VR installation critiquing 2000s mocap datasets.

Film Director, Fire Escape Films, University of Chicago 2016

service

Video chair, [UIST 2019](#)
 Provocations and WIP reviewer, [DIS 2019](#)
 Paper reviewer, [Augmented Human 2019](#)
 Paper reviewer, [CHI 2019](#)
 Poster reviewer, [UIST 2018](#)
 Student volunteer, [UIST 2018](#)