Cyan DeVeaux

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Education

Stanford University, Ph.D. in Communication   Sept 2021 - Present
Focus: Media Psychology
Advisor: Professor Jeremy Bailenson
Research interests: augmented reality, virtual reality, human-centered design, human-computer interaction

Duke University, Interdept. B.A. in Computer Science and Visual & Media Studies   Aug 2016 - May 2020
Graduated with Distinction in Visual & Media Studies
Thesis: "SculptAR: Exploring the Potential of Participatory Augmented Reality and Virtual Experiences in the Contemporary Art Museum"
Thesis Advisors: Professor Mark Olson and Professor Maria Gorlatova

Research Experience

Virtual Human Interaction Lab, Stanford University   Sept 2021 - Present
Graduate Research Assistant

Intelligent Interactive Internet of Things Lab, Duke University   Aug 2019 - Apr 2020
Undergraduate Research Assistant
- Developed a mobile augmented reality application for the Nasher Museum of Art
- Interviewed exhibit designers and museum interpreters on their use of interactive technologies

Wired! Lab for Digital Art History & Visual Culture, Duke University   Oct 2017 - Apr 2020
Project Manager | Undergraduate Research Fellow
- Created a virtual reality experience that helps users understand and visually interpret a rare architectural source from early modern Portugal
- Spatially reconstructed this source by using its perspective plans to create 3D digital models

Identity and Diversity Lab, Duke University   Jan 2017 - Apr 2017
Undergraduate Research Assistant
- Led psychology studies, analyzed video data, designed surveys, and assisted a literature review pertaining to social identity, perception, and behavior

Professional Experience

Google, New York, NY   Jul 2020 - Aug 2021
Software Engineer - Engineering Resident - Frontend Development
- Created accessible, shared Angular UI components that are used across Google Enterprise Platforms
- Implemented frontend feature for revision history in Jamboard, a collaborative digital whiteboard
- Designed and developed the frontend for a web user interface that interacts with a large open data set

NBCUniversal, New York, NY   Jun 2019 - Aug 2019
Media Tech Intern - Broadcast Engineering
- Developed web-based countdown clocks to the 2020 elections for monitors in the NBC Decision Desk
- Leveraged Amazon Web Services' S3, EC2, and API Gateway to deploy, authenticate, and run a cron job on a Lab Device Resource Allocation single page app

Duke PepsiCo Education Technology, Durham, NC   Oct 2017 - Jul 2020
Student Assistant
- Planned, prepared, and led programs that engaged K-12 students with multimedia technologies such as stop motion animation, green screen, virtual reality, and 360 video
- Advised team on using augmented reality to supplement a published book on youth activists

Publications and Written Work

DeVeaux, Cyan (2020). SculptAR: Exploring the Potential of Participatory Augmented Reality and Virtual Experiences in the Contemporary Art Museum. Honors thesis, Duke University. Retrieved from https://hdl.handle.net/10161/21072.

Presentations

"Immersive Chorography: Experiencing the Book of Fortresses through Virtual Reality" Duke Research Computing Symposium, Durham, NC, 2020

"Virtually Augmented Museums" Art History and Visual Studies Undergraduate Honors Thesis Presentations, Durham, NC, 2020

"Black and Asian Women's Experience of Stereotype Threat: An Intersectional Approach" Carolina Research in Social and Personality Psychology Conference, Durham, NC, 2017

Awards, Honors, and Fellowships

Stanford Graduate Fellowship in Science and Engineering   2021
Stanford Enhancing Diversity in Graduate Education Fellowship   2021
Duke Visual & Media Studies Award   2020
- *Presented annually to recognize an outstanding graduating senior who has conducted original research in Visual & Media Studies*

ACM Richard Tapia Celebration of Diversity in Computing Conference Scholarship Recipient   2019
Management Leadership for Tomorrow Career Prep Fellow   2018
Duke Technology Scholar   2017
Duke SPIRE Fellow   2017
Alice M. Baldwin Scholar   2016
Reginaldo Howard Memorial Scholarship   2016
- *Full merit scholarship to Duke University awarded on the basis of leadership, academics, community involvement, and social justice*

Ron Brown Captain   2016

Volunteer Experience and Service

Duke Technology Scholar Mentor   2021
Duke SPIRE Fellow Alumni Mentor   2021
Black Girls CODE Google Mentoring Pod   2021
Black Girls CODE Tech Assistant   2018-19
Duke Women in Technology Co-President   2018-19

Skills

Fabrication: 3D Printing, Laser Cutting, Soldering
Frameworks: Angular, Redux
Programming: C#, CSS, HTML, Java, JavaScript, Python, TypeScript
Software: Adobe Premiere Pro, Arduino, Maya, Processing, Reality Composer, Unity