

Delong Du

Engsbachstraße 58, Siegen, Germany, 57076

Email: delongkongdu@gmail.com **Portfolio:** delongdu.com **GitHub:** delongdu

EDUCATION

Doctor of Philosophy in Human-Computer Interaction

University of Siegen

Siegen, Germany

Jan 2023 - Present

Master of Science in Games and Playable Media

University of California, Santa Cruz, German GPA 1.3

Santa Cruz, United States

Graduated in 2021

- Thesis: Spellcasters, a customizable gesture-based Virtual Reality for stroke rehabilitation

Bachelor of Interdisciplinary Studies in Digital Media

University of Cincinnati, German GPA 1.15

Cincinnati, United States

Graduated in 2019

- Thesis: Space Whale, Virtual Reality installation of space travel

Research Interest

- Consumer Informatics
- Computer-supported cooperative work
- Agile user experience methods
- Design Thinking and Empathy
- Human Computer Interaction and XAI
- Participatory Design and Ethnography

PUBLICATIONS

Duval, J., Thakkar, R., Du, D., Chin, K., Luo, S., Elor, A., ... & John, M. (2022). Designing Spellcasters from Clinician Perspectives: A Customizable Gesture-Based Immersive Virtual Reality Game for Stroke Rehabilitation. *ACM Transactions on Accessible Computing (TACCESS)*, 15(3), 1-25. <https://dl.acm.org/doi/full/10.1145/3530820>

Awards and Honors

Summa Cum Laude 2019
Student Marshal 2019

Research Experience

IT-Security and Consumer Computing

Universität Siegen, Siegen, Germany

Supervisor: Prof. Dr. Gunnar Stevens

Jan 2023

- Designing for energy efficient and sufficient domestic consumption practices
- Email: gunnar.stevens@uni-siegen.de

Assistive Sociotechnical Solutions Lab (ASSIST)

University of California, Santa Cruz, United States

Supervisor: Prof. Dr. Jared Duval

Feb 2020 - Mar 2021

- Research and develop VR project for stroke rehabilitation
- Email: jduval@ucsc.edu

Alternative Learning Technologies Lab

University of California, Santa Cruz, United States

Supervisor: Prof. Dr. Katelyn Grasse

Nov 2019 - Jan 2020

- Research and develop vocal control software for language learning that uses spectrogram to present human speech frequency

- Email: katy@ucsc.edu

DAAP Digital Culture Research Lab

University of Cincinnati, United States

- Research and develop VR installation of the ancient painted French Cave Lascaux

- Email: ben.britton@uc.edu

Supervisor: Prof. Benjamin Jay Britton

Apr 2018 - May 2019

Teaching Experience

Teaching assistant: Interaction experience design

University of Cincinnati, United States

- Give lecture presentations and supervise student projects

- Email: katherine.jones@uc.edu

Prof. Dr. Kat Jones

Aug 2019 - Dec 2019

Teaching assistant: Introduction to game art

University of Cincinnati, United States

- Supervise student projects and provide tutor for Unity engine

- Email: ben.britton@uc.edu

Prof. Benjamin Jay Britton

Jan 2019 - May 2019

Work Experience

Instructor: IT tech program

Stanford University, United States

- Teach Intro to Unity Engine and Intro to animation to students at the Stanford University summer program

- Email: connor.boule@gmail.com

Manager: Connor Boule

Jun 2019 to Aug 2019

Languages

- English: Bilingual

- Chinese: Native

- German: Learning

Computer Skills

Programming: C#, Javascript, Python, Unity, Unreal Engine, p5js

Research tool: LaTeX, Mendeley, Maxqda, Overleaf

Web design: Figma, Photoshop, Illustrator, Procreate

3D Modeling: Blender, Autodesk Maya, Zbrush, Substance designer/painter

REFERENCE

Prof. Dr. Gunnar Stevens

Professor at Universität Siegen, Divisional Director IT-Security and Consumer Computing

Prof. Dr. Jared Duval

Professor at Northern Arizona University, Department of Informatics, Computing, and Cyber Systems

Prof. Dr. Katelyn Grasse

Professor at North Carolina School of Science and Mathematics, Biomedical Engineering

Prof. Dr. Kat Jones

Professor at University of Cincinnati, Department of Sociology department