Kenny Chen

first year phd student @ nyu

CONTACT

EMAIL:	kc4906@nyu.edu
WEBSITE:	kenchen10.github.io
OFFICE:	370 Jay St, Brooklyn, NY

EDUCATION

Sep. '23 - Present	**New York University** | Brooklyn, NY PhD in COMPUTER SCIENCE Advisor: Prof. Qi Sun
Sep. '21 - May '23	**New York University** | Brooklyn, NY MS in COMPUTER SCIENCE Advisor: Prof. Qi Sun
Aug. '17 - May '21	**University of California, Berkeley** | Berkeley, CA BA in COMPUTER SCIENCE Advisor: Prof. Carlo H. Séquin Swim Club at Berkeley, VP of Tech @ Innovative Design Club, The Daily Cal

PUBLICATIONS

*equal contribution

Journal & Conference Papers	**Toward Optimized VR/AR Ergonomics: Modeling and Predicting User Neck Muscle Contraction** Y. Zhang, K. Chen, Q. Sun *SIGGRAPH* 2023 | Conference Proceedings **Color-Perception-Guided Display Power Reduction for Virtual Reality** B. Duinkharjav*, K. Chen*, A. Tyagi, J. He, Y. Zhu, Q. Sun *SIGGRAPH Asia* 2022 | ACM Transactions on Graphics 41(6)
Other Papers	**Towards Learning and Generating Audience Motion from Video** K. Chen, N. I. Badler *Symposium on Computer Animation (SCA)* 2023 | Poster Abstract **Imperceptible Color Modulation for Power Saving in VR/AR** K. Chen, B. Duinkharjav, N. Ujjainkar, E. Shahan, A. Tyagi, J. He, Y. Zhu, Q. Sun *SIGGRAPH* 2023 | Emerging Technologies

WORK EXPERIENCE

June '23 - Present	**Research Scientist Intern** | META | Sunnyvale, CA Advisor: Dr. Alexandre Chapiro.

June '22 - Aug. '22	**Research Scientist Intern** | Cᴇsɪᴜᴍ | Philadelphia, PA Advisor: Dr. Norman I. Badler Deep learning for video prediction.
Sep '21 - Dec. '21	**Software Engineer Intern** | Nᴠɪᴅɪᴀ | Remote Developed C++ DRIVE Sim plugin in Omniverse.
SU '21 SU '20 SU '19	**Software Engineer Intern** | ADI | Remote **Software Engineer Intern** | Cᴏɴғʟᴜᴇɴᴛ | Remote **Software Engineer Intern** | Iɴᴛᴜɪᴛ | Mountain View, CA

TALKS

paper talk	**Color-Perception-Guided Display Power Reduction for Virtual Reality** *SIGGRAPH Asia 2022* | Daegu, South Korea | Dec. 2022

TEACHING

Spring 2023	**Course Assistant**, Data Visualization (CS-GY 6313)
Fall 2021	**Course Assistant**, Interactive Computer Graphics (CS-GY 6533)
Spring 2021	**Undergraduate Student Instructor**, Computer Graphics and Imaging (CS 184)
Fall 2020	**Group Tutor/Reader**, Intro to Computer Vision & Comp. Photography (CS 194-26)

OUTREACH AND ACTIVITIES

2020-2021	**VP of Technology**, Innovative Design at Cal
2018	**Volunteer**, Special Needs Aquatics Program

AWARDS

2023	**NYU Tandon School of Engineering PhD Fellowship**
2021	**NYU Tandon Graduate Scholarship**
2020	**UC Berkeley Computer Graphics Final Project**, Showcase Winner
2019	**UC Berkeley Probability Theory Catan AI Competition**, 1st Place