

Kenny Chen

first year phd student @ nyu

CONTACT

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EDUCATION

Sep. '23 - Present	PhD in COMPUTER SCIENCE New York University Brooklyn, NY Advisor: Prof. Qi Sun
Sep. '21 - May '23	MS in COMPUTER SCIENCE New York University Brooklyn, NY Advisor: Prof. Qi Sun
Aug. '17 - May '21	BA in COMPUTER SCIENCE University of California, Berkeley Berkeley, CA Advisor: Prof. Carlo H. Séquin Swim Club at Berkeley, VP of Tech at 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 <i>SIGGRAPH 2023</i> Conference Proceedings COLOR-PERCEPTION-GUIDED DISPLAY POWER REDUCTION FOR VIRTUAL REALITY B. Duinkharjav*, K. Chen *, A. Tyagi, J. He, Y. Zhu, Q. Sun <i>SIGGRAPH Asia 2022</i> ACM Transactions on Graphics 41(6)
Other Papers	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 <i>SIGGRAPH 2023</i> Emerging Technologies

WORK EXPERIENCE

June '23 - Present	Research Scientist Intern META Sunnyvale, CA Advisor: Dr. Alex Chapiro.
June '22 - Aug. '22	Research Intern CESIUM Philadelphia, PA Advisor: Dr. Norman I. Badler Deep learning for video prediction.

Sep '21	Software Engineer Intern NVIDIA Remote
- Dec. '21	Developed C++ DRIVE Sim plugin in Omniverse.
SU '21	Software Engineer Intern ADI Remote
SU '20	Software Engineer Intern CONFLUENT Remote
SU '19	Software Engineer Intern INTUIT Mountain View, CA

TALKS

paper talk	Color-Perception-Guided Display Power Reduction for Virtual Reality <i>SIGGRAPH Asia 2022</i> Daegu, South Korea Dec. 2022
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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	Computer Graphics Final Project Showcase Winner , UC Berkeley (CS 184)
2019	Probability Theory 1st Place Catan AI Competition , UC Berkeley (EECS 126)