KRISTIAN ZADLO

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---------------------------------- **EDUCATION** ----------------------------------

M.S. in Integrated Design and Media
New York University, NY
Cumulative GPA: *4.0/4.0*
AUG 2020 - MAY 2022 (EXPECTED)

B.S. in Computer Engineering
Rose-Hulman Inst. of Technology, IN
Cumulative GPA: *3.9/4.0*
AUG 2017 - MAY 2020 (3 YEARS)

Programming　Machine Learning　Virtual Staging　Data Analysis　Rapid Prototyping　Fluent in English and Polish

---------------------------------- **EXPERIENCE** ----------------------------------

AI Engineering Intern */ Indiana Microelectronics, LLC, West Lafayette /* JUNE - DEC 2020
- Engineered calibration software that improved the process from 480 man hours to 7 minutes
- Entrusted with conducting 5 client presentations, 30 minutes each, on AI calibration
- Analyzed 6 datasets of up to 10,000 samples to design Neural Network and General Adversarial Network algorithms
- Enhanced engineer productivity by creating 2 Python libraries for equipment interaction and machine learning tasks
- Simplified company workflow by creating 2 database programs with GUIs for managing measurements and inventory

Software Engineering Intern */ Relativity, Chicago /* MAY - AUG 2019
- Optimized 100 C# functional, integration, and unit tests to run 40 min faster
- Automated test code improvements and daily workflow through 4 Powershell scripts
- Reduced test initialization time by connecting a Jenkins pipeline to Azure using Groovy and Powershell
- Interacted daily with a multi-thousand file codebase of files reaching 1000 lines of code

Lead Developer */ Vertabiz, LLC (Startup) /* MAY - DEC 2018
- Facilitated software development by leading 3 software engineering interns and collaborating with 4 UX researchers
- Designed and implemented a Java RESTful service backend that connected to Firebase database
- Implemented a REACT Native application frontend that connected to RESTful services

Volunteer Troop Leader and Chaperone */ Polish Scouting Organization /* AUG 2014 - PRESENT
- Organized and led 13 trips, up to 14 days in length, with $4,000 budgets for up to 40 people
- Enabled weekly leadership activities by managing $10,000 across 3 years
- Mentored groups of up to 25 young teens to become young leaders

---------------------------------- **RELEVANT COURSEWORK** ----------------------------------

CURRENT: AUGMENTED REALITY STUDIO, MEDIA LAW

Mixed Reality Filmmaking / Virtual Production / Motion Capture
- Created virtual film sets with scenography and directory affordances by collaborating with 15 students remotely
- Filmed virtual shorts using 3D assets in Unreal Engine and Maya while compositing in Premiere Pro and After Effects
- Performed and cleaned 14 motion captures in RADiCAL and MotionBuilder

Ideation and Prototyping / Wearables / Theories of Design, Media, and Technology
- Conceptualized, designed, and constructed 13 creative and minimal physical and digital prototypes
- Identified meaningful features from stakeholder interviews and secondary research
- Explored user experience designs according to the affordances of mediums such as social media and fashion

---------- **HONORS** ----------　　　---------- **ACTIVITIES** ----------

Eta Kappa Nu Honors Society (Webmaster and Tutor)
Tau Beta Pi Honors Society (Member)
Alpha Lambda Delta Honors Society (Historian)
Chicago Startup Weekend (3rd Place)
Terre Haute Startup Weekend (3rd Place)

Interested in photography and film
Aspiring track and field decathlete
Studied abroad in Rome, Italy