

WELLS LUCAS SANTO

[Address and phone redacted for web version; for inquiries, please email wells[at]nyu[dot]edu.]

EDUCATION

- New York University (NYU) Tandon School of Engineering** **Brooklyn, NY**
(MS) *Computer Science*, (BS) *Computer Engineering*, (Minor) *Science and Society* **2012 – 2016**
- Class Salutatorian, summa cum laude
 - Areas of Specialization: Artificial Intelligence, Machine Learning, History and Philosophy of Science
- Yale University Hertog Program in American Political Philosophy and Democratic Thought** **New Haven, CT**
Completed with *Honors-Level Scholars* **2011 – 2011**

WORK EXPERIENCE

- SMASH** **Oakland, CA**
National Director of Education **2021 – Present**
- Led the development of an inclusive STEM+CS curriculum focused on emerging technologies, design thinking, and social justice to support 300+ underrepresented high school students in equitable classroom environments
 - Developed and implemented the training model and structure for supporting 300+ staff and instructors at 10 nationwide sites
 - Helped create a strategic framework for developing a scalable project-based education model in collaboration with community-based organizations to expand programs to rural and underserved communities across North America
- AI4ALL** **Oakland, CA**
Lead AI Education Manager **2017 – 2019**
- Planned and executed 11 summer programs teaching 500+ underrepresented high school students about AI and social justice
 - Facilitated discussions around justice, power, equity, and inclusion with staff in coordination with community-based orgs
 - Created the premier AI curriculum for high school students with emphasis on accessibility, culturally relevant pedagogy, and AI and social justice, reviewed by over 20 top AI faculty, researchers, and practitioners
 - Fostered relationships with key community organizations in the diversity and inclusion and social justice for AI spaces, such as AI Now, Partnership on AI, Black in AI, Queer in AI, and Women in Machine Learning and Data Science (WiMLDS)
 - Cultivated inclusive online and offline communities around AI diversity, equity, and inclusion among students, academics, industry professionals, and governmental bodies through thought leadership and conference attendance
- AI for K-12 Initiative** **Oakland, CA**
Advisory Board Member **2018 – Present**
- Advised on the integration of ethics and social implications into a set of national guidelines for K-12 AI education, in an initiative jointly sponsored by AAAI and CSTA and presented at venues such as CSforALL and ISTE
 - Presented talks on societal implications of AI to 30+ educators and technologists leading in AI education across the US
- Cogitai, Inc.** **Brooklyn, NY**
Lead Full-Stack AI Platform Engineer and Designer **2016 – 2017**
- Built and maintained the full stack for a Deep Reinforcement Learning platform, using AWS (EC2, S3, RDS), Python (Flask, SQLAlchemy), MySQL schema and migrations, web frontend (NodeJS/SASS), and continuous integration (TravisCI)
 - Supported core team operations, such as leading the onboarding process and improving team workflow by researching and managing collaborative tools, services, and practices as one of the original members of the growing distributed team
 - Designed company media including business cards, flyers, banners, posters, and social media branding

HONORS AND AWARDS

- NYU Margaret Goldstone Award**, Graduating senior in Computer & Electrical Engineering with highest academic standing **2016**
- United Nations Youth Assembly Panelist**, Panelist selected to speak on AI for 600 delegates across 70 nations at the UN **2016**
- NYU Outstanding Student Assistant Award**, Recognition of work and commitment to students and the CSE Department **2015, 2016**
- NYU TCS Writing Award**, Annual departmental award presented for outstanding writing and work in the humanities **2014, 2016**
- NYU Presidential Award**, Recognition of 100 most outstanding students who have actively shaped the NYU Community **2015**
- NYU Mercer Street Editor's Choice**, 1 of 6 distinguished published writers in the entire NYU Class of 2016 **2013**

SKILLS

- Software*: MacOS, Windows, Linux; Word, Excel, PowerPoint; Photoshop, InDesign; Git/GitHub; AWS; Salesforce
- Programming*: HTML5/CSS3/JS(ES6), React, TypeScript, Python, C/C++, Java/Kotlin, LaTeX, MATLAB, Markdown
- Training*: Completed "Managing for Racial Equity, Inclusion, and Results" training from The Management Center