

WELLS LUCAS SANTO

[Personal Information Redacted For Web; For Professional Inquiries: wells[at]nyu.edu]

EDUCATION

- New York University (NYU) Tandon School of Engineering** **Brooklyn, NY**
(MS) *Computer Science*, (BS) *Computer Engineering*, (Minor) *Science and Society* *Sep 2012 – May 2016*
- Class Salutatorian, GPA: 3.9 / 4.0 (summa cum laude)
 - Areas of Specialization: Artificial Intelligence, Machine Learning, History and Philosophy of Science, Signal Processing
- Yale University Hertog Program in American Political Philosophy and Democratic Thought** **New Haven, CT**
Completed with *Honors-Level Scholars* *Jun 2011 – Jul 2011*

WORK EXPERIENCE

- Cogitai, Inc.** **Brooklyn, NY**
Full-Stack Software Engineer and Designer *Aug 2016 - Present*
- Built and maintained the full stack for our platform, involving AWS (EC2, S3, RDS, EB), Python (Flask, SQLAlchemy), MySQL schema and migrations, web frontend (HTML/CSS/JS), and setting up 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 to fit the needs of a rapidly growing distributed team
 - Designed company media including business cards, flyers, banners, posters, and social media branding
- New York University** **Brooklyn, NY**
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|--|---|----------------------------|
| <i>CS2134 Data Structures and Algorithms</i> | <i>Lead Graduate Teaching Assistant</i> | <i>Sep 2013 – May 2016</i> |
| <i>CS1122 Intro to Computer Science</i> | <i>Lead Graduate Teaching Assistant and Lecturer</i> | <i>Jan 2014 – May 2015</i> |
| <i>EL6483 Real-Time Embedded Systems</i> | <i>Graduate Teaching Assistant and Lab Instructor</i> | <i>Jan 2015 – May 2015</i> |
- Developed and restructured course topics and materials, including lectures, programming assignments, and quizzes
 - Worked closely with professors on creating course syllabi and lesson plans from scratch
 - Taught 120+ students per semester in lectures, recitations, office hours, lab hours, and online through Piazza
 - Led and coordinated the teaching assistants to best support the students and give timely feedback on assignments
- Percolate, Inc.** **New York, NY**
Front-End Web Developer (Summer Internship) *Jun 2015 – Aug 2015*
- Deployed 25+ feature changes implemented in Backbone, LESS, and Handlebars, using standard GitHub workflow
 - Tested and wrote automations for production code using Chai, Mocha, and Selenium frameworks
- Five Points Learning** **Brooklyn, NY**
Instructor / Educational Coach *Apr 2013 – Mar 2015*
- Designed and instructed fast-paced courses for students in UI/UX Web Design, Pre-Calculus, and C++
 - Created and taught programs for 250+ middle and high school students undergoing AP, SAT, SHSAT studies
 - Guided, mentored, and coached underprivileged students on academic and career goals

EXTRACURRICULAR ACTIVITIES

- New York University Patent Pending** **New York, NY**
Chair of Events and Prototyping *Jan 2013 – May 2016*
- Planned and executed three annual Hackathons with 150+ attendees and sponsorships from Google, Spotify, and others
 - Organized student events such as Arduino Workshops, Professor Meet-and-Greets, and CS Career Info/Recruiting Sessions
 - Supported and advised students on prototyping and incubating startup ideas, in collaboration with NYU incubators

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, TravisCI; Slack; AWS
- Programming:* Python, C/C++, Java/Kotlin, LaTeX, HTML5/CSS3/JS(ES6), MATLAB, Markdown