

NICHOLAS SILVA

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EDUCATION

Rutgers, the State University of New Jersey
B.S. Engineering, Biomedical

New Brunswick, NJ
Sep 2009 – May 2015

edX, Inc.
Harvard College: CS50x Introduction to Computer Science

Online Learning Platform
Ongoing

WORK EXPERIENCE

Memorial Sloan Kettering Cancer Center
Project Analyst, Strategy and Innovation, Design and Innovation

New York, NY
Sep 2019 – Present

- Improved compliance rate of in-house home health monitoring program by 10% through the development of an analysis which identified number of patients not completing a “tech assessment” survey (R, SQL, Tableau).
- Built web app capable of monitoring operational metrics of pulse oximeter which high-risk patients are given to take home (R, Shiny R package, SQL).
- Research different user stories with Data Scientists, UX researchers and clinicians to understand the behavior of care-teams and patients using such products as the pulse oximeter.
- Design story-driven narratives to communicate actionable insights to stakeholders, from C-suite to clinical.

Clinical Research Specialist, Surgery-Urology

Feb 2019 – Aug 2019

- Engaged with human subjects to educate about a research protocol, their roles, and any other vital information.
- Interviewed potential subjects for protocols, validate eligibility to participate, and evaluate commitment.
- Maintained and built relationships with investigators, external vendors and patient care teams.
- Provided clinic support by assisting with patient management for those on study.

Clinical Research Coordinator, Surgery-Urology

Nov 2016 – Jan 2019

- Generated reports (e.g., Toxicity reports, & data sets) for Principal investigator and Institutional Review Board.
- Performed data abstraction from human subject charts (e.g., Lab or diagnostic results, surgical treatments).
- Ensured all appropriate Institutional, State, and Federal regulations were followed throughout a protocol.

PUBLICATIONS

- Daly, B., Kuperman, G., Zervoudakis, A., Medsker, A. B., Roy, A., Ro, A. S., . . . Perchick, W. (2020). InSight care pilot program: Redefining seeing a patient. *JCO Oncology Practice*, 16(10), E1050-E1059. doi:10.1200/OP.20.00214

LEADERSHIP EXPERIENCE

Memorial Sloan Kettering Design Community of Practice
Gatherings Committee, Marketing Chair

New York, NY
Aug 2020 – Present

- Promote a place for designers and design-adjacent professionals to foster collaboration and address critical challenges.
- Mentor those looking to learn how to engage stakeholders at different levels.

Memorial Sloan Kettering Social and Engagement Committee
Design and Innovation Ambassador, Social Chair

New York, NY
Sep 2020 – Present

- Promote inclusive experiences to enhance staff members sense of belonging while amplifying the spirit of every team in the department (Design, Analytics, & Strategy).

SPECIAL SKILLS & PROJECTS

Software: C (some) | Python (some) | R | SQL | Tableau | Microsoft Office Suite | GitHub | EPIC | G-suite | Miro

Soft Skills: Bilingual native-level competency (Spanish) | team player | optimistic | open and authentic

Current Projects: Measuring outpatient and in-patient hospital resources | Equitable Patient Access