

Luke Nilaratna

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EXPERIENCE

Web & Mobile Software Developer, New York

July 2015 - Present

Contract software development for high-profile clients worldwide.

- **Hovercast** — Developer on interactive video platform that integrates user interaction from many social platforms with streaming video.
- **Soft Services** — Designed, developed, and launched internal mobile application and web admin for testing skin care and beauty products
- **Obama Foundation** — Lead developer on several web projects including “Year in Hope” website highlighting President Obama’s best picks of 2019. Improved W3C site accessibility. Architected and created an automated system for identifying mislabeled images and missing image captioning data.
- **Tzu Chi USA** — Full-stack development, design and consultation on all Tzuchi digital properties (an international humanitarian organization with 57 offices in the US and 21 million members worldwide). Notable projects include architecting and developing a backend visual page builder with multilingual support, e-commerce integration for accepting donations, and custom apis for miscellaneous internal tools.
- **Synchrony LEDs (2019)** — Designed, developed, and launched iOS and Android apps that interface with the patented Synchrony LED controller over Bluetooth.

Liberty Science Center, New Jersey — Creative Technologist

June 2012 - July 2015

Developed interactive exhibits and experiences for visitors of the Liberty Science Center using Arduino and OpenFrameworks. Involved in all stages of production for exhibits and school programs.

Big Spaceship, New York — Web Developer

June 2011 - June 2012

Interactive frontend web development for clients such as Starwars.com (Lucasfilms), Starburst.com (Wrigley) and Chobani Yogurt (Agrofarms)

AWARDS

Resident Technologist at ‘New Visions for Public Schools’

Designed and prototyped digital experiences in collaboration with teachers to extend learning for students beyond the classroom.

Fellowship at the Center for Mobile Creativity at School of Art, Media and Technology at Parsons School for Design.

Sponsored by Nokia Research Center.

Dean’s List The New School University, New York, NY

EDUCATION

Parsons School of Design BFA Design and Technology

2008 – 2011

Pennsylvania Academy Continuing Ed. Fine Arts

Jan. 2008 – August 2008

