

BACKGROUND

I strive to build high performance applications using the web. I am a full-stack software developer with a background in fundraising, database management, and music. At an early age, I discovered my passion for computers and have relied on a developer mindset through several career iterations.

Specialties include JavaScript, React, Express, MongoDB, MySQL, Node.js; RESTful API design, development, and testing; third-party app integration; enterprise systems development, implementation, and customization; responsive design, object-oriented programming, CRM database management; relational database management; Salesforce.com; web design; audio/video live streaming; and audio engineering. Please see my [developer page](#) for a view of my recent technical projects.

PROFESSIONAL EXPERIENCE

Full-Stack Web Developer, New York, NY, May 2019—present

- Envision and build a survey-based CRM and integrated email marketing application for TameYourWallet, a personal finance blog.
- Develop end-to-end solutions; enterprise system implementation, app development, web API integration and more.

Freelance Fundraiser and Database Manager, New York, NY, Jan 2013—December 2018

- Fundraising, database management, and web development for NYC-based nonprofit organizations and small businesses.
- Designed static websites with JavaScript, HTML and CSS; implemented and customized Salesforce.com; built inventory trackers; managed SQL databases, deduplicated and merged databases; developed ETL processes to establish institutional memory, managed websites.
- Business development for Color + Information, a creative design agency. Developed pitches for software, graphic design, and video production projects. Worked with principal ownership to develop sales pipeline and implement CRM database.
- Guided major gift fundraising efforts for the Correctional Association of New York in support of criminal justice reform; managed SQL database; oversaw email and direct mail campaigns.
- Co-authored "[Why Every Nonprofit Needs CRM and How to Get it Right](#)", a guide for nonprofits to better understand CRM databases.

Audio Engineer, 99¢ Dreams Records, New York, NY, June 2014—July 2018

- Designed all front-end digital, web, and graphic assets for <https://www.99centradio.com>; live streamed HD audio/visual presentations.
- Produced and [distributed](#) vinyl and cassette releases to international audiences; featured original music on Seth Troxler's [Essential Mix](#) for BBC Radio 1 recorded at Output, NY ("[The Rent](#)").
- Deep experience in the recording arts; multi-instrumentalist with well-honed collaborative and creative skillset; mixing, post-production, composition, live performance, and academic background in musicology.

Development Associate to Executive Office, Amnesty International USA, New York, NY, Jun 2012—Jan 2013

- Implemented major donor database, developed technical requirements with consulting engineers.
- Designed, tested, and implemented major donor telemarketing database.
- Drafted donor and VIP correspondence for Executive Director Suzanne Nossel, a well-known voice in U.S. foreign policy.

Database Administrator, Robert F. Kennedy Human Rights, New York, NY, May 2011—June 2012

- Oversaw database migration from Raiser's Edge to Salesforce.com database. Implemented, customized and administered Salesforce.com.
- Coordinated fundraising in support of leading human rights activist Kerry Kennedy.
- Co-launched RFK Young Leaders, a young professionals' network to empower human rights activists and defenders; managed outreach, volunteer, and fundraising activities.

Grant Writer and Database Analyst, AmeriCorps VISTA, Austin, TX and New York, NY, April 2009—May 2011

EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science, New York, NY, Jan 2019—June 2019

- Executive Education program in software engineering. Build, test and deploy full-stack applications, collaborate on group projects.

University of Michigan, Ann Arbor, MI, 2004—2008, B.A., American Culture/Music