

# **William Roy Hubenschmidt, Web Developer || Database Developer || Audio Engineer**

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**William Hubenschmidt is a full-stack developer building high performance applications using the web.** He has held diverse technology and fundraising roles with international affairs organizations, human rights nonprofits, and small to midsize businesses. He graduated from the University of Michigan-Ann Arbor with a degree in American Culture.

## **TECHNICAL BACKGROUND**

**William's knowledge of web and systems technology** includes full-stack software engineering, database management, front-end design, RESTful API development, CRM, enterprise software, back-end systems, business intelligence, agile product development, and information architecture. He is also an accomplished audio engineer, recording artist, and producer.

**Skills, languages, and frameworks include** JavaScript, Node.js, React.js, Redux, Express, SQL, NoSQL, PostgreSQL, MongoDB, Material-UI Design, Salesforce.com, Raiser's Edge, Bootstrap, OAuth 2.0, Firebase, HTML5, CSS, jQuery, web and graphic design, relationship management systems, content management systems, performing arts technology, sound design, multitrack recording, commercial sound production.

## **PROFESSIONAL EXPERIENCE**

**Full-Stack Web Developer, freelance, New York, NY, Jan 2019—present**

- Build a survey-based CRM and integrated email marketing application to reach consumers with personalized coaching services for Tame Your Wallet, a financial coaching service.

**Audio Engineer, 99¢ Dreams Records, New York, NY, Jul 2014—Jul 2018**

- Developed and executively produced a brand which connected with connoisseur market record collectors; • Built word-of-mouth following among international record buyers through production and distribution of vinyl and cassette releases;
- Designed all front-end web, digital, and graphic assets • Featured music on Seth Troxler's BBC Radio 1 Essential Mix;
- Managed collaborative recording sessions, executed all aspects of sound design, mixing, and post-production.

**Individual Philanthropy Officer, Correctional Association of New York, New York, NY, Aug 2015—Apr 2016**

- Enhanced Raiser's Edge database usage through key performance indicators in fundraising. • Guided major gift fundraising during a period of leadership transition; • Raised awareness of human rights in support of criminal justice reform

**Development Associate, Hetrick-Martin Institute, New York, NY, Jul 2014—May 2015**

- Optimized Raiser's Edge database and developed data collection and reporting guidelines for the fundraising and accounting offices; • Recruited Director of Information Technology, leading to their hire and multiyear tenure.

**CRM Database Developer, freelance, New York, NY, Jan 2013—Jul 2014**

- Implemented CRM solutions to improve sales analytics, business intelligence, relationship mapping, and lead generation;
- Database and web development for clients including Japan Society, the Jewish Agency, James & Company, Color + Information, and Creative Connections NYC; • Coauthored Why Every Nonprofit Needs CRM and How To Get It Right, a guide for nonprofits to better understand CRM.

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

- Fundraising aide for Executive Director and former U.S. Deputy Secretary of State Suzanne Nossel. • Designed, tested, and implemented telemarketing database; solicited donations in support of international human rights.

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

- Implemented, customized, and administered Salesforce.com for team offices in New York, Washington, D.C. and Florence, It;
- Wrote complex database queries, developed business intelligence systems in support of institutional capacity projects;
- Cofounded RFK Young Leaders, a young professionals' network to empower human rights activists and defenders;
- Developed and executed strategic fundraising plan to establish a new human rights education Program Officer position.

## **EDUCATION**

**Columbia University, Fu Foundation School of Engineering and Applied Science, New York, NY, Jan 2019—Jun 2019,** Columbia Engineering Executive Education Certificate, Computer Software Engineering

**University of Michigan, Ann Arbor, MI, Aug 2004—Apr 2008,** Bachelor of Arts, American Culture, Music Minor