

# 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 developer, sales, database, and fundraising roles. He has a B.A. from the University of Michigan and a Certificate in Software Engineering from Columbia University.

## 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.

**Skills, programming languages, and frameworks include** JavaScript, TypeScript, Node.js, React.js, Redux, Express, PostgreSQL, MongoDB, Material-UI, Bootstrap, HTML5, CSS, jQuery, Salesforce.com, relationship management systems, content management systems, technology sales, performing arts technology, sound design, recording arts, commercial sound production.

## PROFESSIONAL EXPERIENCE

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

- Computer sales and CRM software development at Adorama, Inc.
- CRM and integrated email marketing application development 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