

Matthew Schultz

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Summary

I create tools to improve the way we consume new information and communicate with each other by integrating my abilities as a web/mobile engineer with my foundation in the arts, intergroup dialogue, and conflict resolution.

Technical Abilities

Languages (Programming): Javascript, HTML, CCS, Apex, SOQL/SQL, R, Java (basic), Objective C (basic)

Frameworks/Libraries: ReactJS, AngularJS, VueJS, D3JS, NodeJS, ExpressJS, MongoDB, MongooseJS, SASS/SCSS, Bootstrap, Gulp, JQuery, Jasmine, Salesforce Mobile SDK, Apex, Ionic, Capacitor, Apache Cordova

Design: Mobile-first Design, Responsive Design, User Interface Design, Privacy by Design

Platforms: Web Browser, NodeJS, Salesforce, Sharepoint

Interpersonal: Team Leadership, Cultural Trainings, Intergroup Dialogue, Conflict Resolution, Theatre of the Oppressed, Youth Education

Musical: Jazz Piano, Analog Synthesis, Music Composition, Music Production, Logic X Pro

Languages (Human): English, Spanish

Work Experience

Web/Mobile Engineer

2016-02-15 to Present

[Synaptic AP](#), Annapolis, MD

Working on a distributed team to develop the [Youreka](#) (web browser/iOS/Android) enterprise-level Field Service Management app for use with onsite inspections, maintenance, compliance, and auditing while offline.

- **Primary Technologies:** Javascript, AngularJS, Apache Cordova, Ionic, SOQL/SQL, Salesforce, Salesforce Mobile SDK, Jasmine, VueJS, ReactJS, Android Studio, Xcode, GitHub, HTML and CSS.
- **Product Design:** Design new features based on customer feedback, user testing, adoption metrics, and market trends as part of a team including data analysts, graphic designers, sales people, marketing staff, and other developers.
- **Synaptic Cares:** Chair of the philanthropy committee implementing our own version of the Salesforce model of 1% Profit, 1% Time, and 1% Resources donated to philanthropic efforts.

Architect / Product Owner / Founder

2020-04-13 to Present

[Parchment](#)

The Art of the Letter for the 21st Century. A new social media site to connect with friends and loved ones through beautifully crafted, thoughtful letters.

- **Primary Technologies:** Javascript, ReactJS, Redux, Capacitor, MongoDB, Express, Mongoose, NodeJS, Mongo Atlas, GitHub, Webpack
- **Product Design:** Social Media is a technological facilitation of interactions between people. As with in-person facilitation, how you facilitate a group of people online depends on the size of the group. This endeavor is addressing a one-to-one scale. Future site will address scales of 3-10, 11-25, etc.

Architect / Product Owner / Co-Founder

2013-08-01 to 2018-06-12

[SocietyLab](#)

Worked with a partner to develop a new social media platform that leveraged data visualization for collecting, exploring, and sharing information and ideas in a way that respects privacy and breaks users' filter bubbles. We made it to the beta testing stage and realized the product was beautiful but too abstract and lacked a clear

problem to solve and business model to effectively grow. The experience, however, taught us a great deal and developed many ideas that will be implemented elsewhere in the future.

- **Primary Technologies:** Javascript, AngularJS, D3JS, MongoDB, Mongoose, NodeJS, AWS, GitHub
- **Product Design:** Integrate the review of academic literature, industry advocates, user feedback, and personal experience into an iterative process to design an interface for users to create and share collections of information.

Facilitator / Project Manager / MS Access & MS SharePoint Engineer

[Centers for Medicare & Medicaid Services, US Gov't](#), Woodlawn, MD 2015-05-04 to 2016-02-12

[ERP International / HCD International](#), Woodlawn, MD 2013-01-07 to 2015-04-30

Facilitated high-level projects and inter-agency collaboration sessions for the Center for Program Integrity in the Centers for Medicare & Medicaid Services that brought together policy experts, data analysts, law enforcement, and field investigators from various agencies to combat Medicare fraud, waste, and abuse. I also created a database and reporting system to track and reports on sessions, participants, and outcomes.

- **Primary Technologies:** Microsoft Access, Microsoft Sharepoint, HTML and CSS.
- **Systems Development and Administration:** Engineered and implemented a database interfaced to track information and create automated reports on session logistics, participants, action items, and feedback and evaluation forms for the Command Center and the CPI Governance Council.

Facilitator ([Freelance](#))

2007-01-01 to 2015-01-01

Baltimore, MD

- **Community Dialogues:** Organize and facilitate community dialogues to address common issues and collectively develop effective solutions for organizations such as Washington DC Mayor's Office.
- **Theatre of the Oppressed Trainings:** Interactive training for high school teachers, graduate students, and other groups on how to facilitate use Theatre of the Oppressed Techniques with youth and adults.

Program Manager - Youth

2009-03-04 to 2013-01-06

[International Rescue Committee](#), Baltimore, MD

Developed the program from a small after-school program to a comprehensive Family Support and Wellbeing program consisting of caseworkers providing life skills trainings for parents and youth, support groups run by contracted mental health therapists, and technical assistance and partnership building with school teachers, school leadership, and with area hospitals.

- **Partnership Building:** Developed partnerships and sat on advisory boards for the Johns Hopkins Bayview Mental Health Clinic, the Maryland Board of Education, and Baltimore City Schools.
- **Data Analysis:** Worked with staff to develop a rubric to monitor client wellbeing. Used the rubric data to identify issues and trends with clients using statistical methods with the R programming language.

Program Manager

2005-06-01 to 2009-09-24

Kids for Peace, Baltimore, MD

Managed and developed curriculum for a youth program focused on training teenagers to lead peer-to-peer youth education about world cultures and issues of peace, justice, and conflict resolution that consisted of a summer camp, yearly youth summits about a specific conflict, and a year-round youth leadership program.

- **Web Master:** Created and updated the organization's website with program information and photos from recent events using HTML and CSS.

Education

American University, School of International Service

05/2010

International Peace and Conflict Resolution, Masters of Arts

Concentration: Conflict Resolution and Dialogue Facilitation

Thesis: *Implementing Legal Pluralism in Oruro, Bolivia*

Towson University

05/2005

Jazz/Commercial Music Composition, Bachelor of Music Degree (Minor in Spanish)