

SCOTT MEISBURGER

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OVERVIEW

- Broad-ranging experience (8+ yrs) in open-source application development.
- Expertise in people management, IoT, real-time web, multimedia and cloud infrastructure.
- Critical skills to evaluate technologies and technical teams.

EXPERIENCE

2018 present	SAMSUNG SMARTTHINGS Engineering Manager, AV Platform	2016 2018	SAMSUNG SMARTTHINGS Senior Software Engineer
	<ul style="list-style-type: none">- Managed junior and senior level engineers, provided coaching and mentoring leading to career growth and development.- Led engineering efforts in close collaboration with Samsung mobile managers and engineers at HQ (Suwon, KOR).- Successfully delivered audio-video streaming services, allowing for Samsung home products (appliances, TVs, mobile devices) to connect and stream media to SmartThings clients.- Team drove architecture and standards for end-to-end encryption (privacy), P2P live streaming (reduced latency, cost) and AV cloud services.		<ul style="list-style-type: none">- Launched first-party SmartThings cameras. Worked with device manufacturers on firmware specs, over-the-air updates and security protocols.- Built major cloud services in Python: API server, media server and distributed messaging bus.- Supported global product rollout for strategic partnership between Samsung Mobile and wireless carriers.
2014 2016	PERCH AT SAMSUNG ACCELERATOR Software Engineer	2014	ALPHAWORKS, A BETAWORKS COMPANY Product Engineer Consultant
	<ul style="list-style-type: none">- Home monitoring startup. Got acquired by Samsung SmartThings in April 2016.- Implemented asynchronous WebRTC signaling server in Python Tornado, with focus on scalability and failover.- Led embedded camera effort, developed WebRTC client for ARM Linux.- Developed cloud-based media processors using GStreamer.		<ul style="list-style-type: none">- Developed MVP for alphaworks.net (crowd investing platform).- Led development of admin tools to enable efficient deal management.
2012 2014	RHIZOME AT THE NEW MUSEUM Senior Developer	2011 2012	SANDERS NEW MEDIA . Software Engineer
	<ul style="list-style-type: none">- Developed and maintained arts non-profit website rhizome.org.- Co-managed the ArtBase (award-winning collection of digital art), and served as an advocate for digital art and digital preservation.		<ul style="list-style-type: none">- Developed applications for web and mobile as member of engineering team in Chicago.- Projects: iOS games, flash sales site, social networking app, digital comic and more.
Summer 2008	COMPUTER HISTORY MUSEUM . Volunteer	2007 2010	ORCHESTRAL COLOUR RECORDS . Co-founder
	<ul style="list-style-type: none">- Assisted with packaging and cataloging of computer-related artifacts.		<ul style="list-style-type: none">- Co-founded independent record label representing artists from genres including Electronic, Pop and Hip-Hop.- Creative direction in advertising and promotional materials for web, TV and print.

EDUCATION

- Columbia College Chicago - BA in Photography, minor in Web Development, 2006 - 2010 cum laude.

LANGUAGES AND TECHNOLOGIES

- Python, JavaScript, AWK, Bash, C, jQuery, HTML/CSS
- AWS, GNU/Linux, macOS, Git, Docker, Terraform, MariaDB, GStreamer, WebRTC, Nginx, T_EX
- Familiar with: C++, GLib, Java, RTSP, Make

ACCOLADES

- Perspective Gallery - Work selected for LENSE 2011 juried exhibition
- Poet and Didn't Know it Award - The American Computer Experience 1998

SPEAKING ENGAGEMENTS

- "Net Art Anatomy" workshop, Mozilla Festival, London, October 2014

SHARED EXHIBITIONS

- 2011 - Perspective Gallery, LENSE 2011.
- 2011 - Photography B.A. + B.F.A. Manifest Exhibit.

COLLECTIONS

- Columbia College Chicago Permanent Collection

PUBLICATIONS

- There and Back (Again): Homebrew Computer Club at 38. Rhizome Journal. December 16, 2013.
- <http://rhizome.org/editorial/2013/dec/16/there-and-back-again-homebrew-computer-club-38/>