

Michael Darweesh

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Summary

- Co-founder and Chief Technical Officer based in Rochester and Pittsburgh
- Advisor for software focused startups
- Co-founder of the Google Hangouts team

Work Experience

Co-founder and Chief Technical Officer, Right Now Foundation

March 2023 - Present

- Design, prioritize, and implement mobile application and server software for real time matchmaking gig workers and customers using React Native and Go.
- Manage C-Corp as co-founder including finances, customer feedback, and infrastructure

Founder, CEO and CTO, Yirp.org and Icebird

January 2021 - Present

- Investigated viability of Reg CF crowdsourcing application
- Design and implement a url shortener service in Go and bootstrap
- Managed C-Corp as co-founder

Director of Software Engineering, Legalsifter

April 2016 - April 2017

- Planned and managed the development of an ML/AI document processor application
- Hired and Mentored technical staff
- Managed local and remote engineer team across multiple continents

Senior Staff Software Engineer, General Dynamics C4 Systems - Viz

November 2012 - June 2014

- Prototyped new products in Java and Javascript
- Lead software team through design and prototyping efforts
- Added map and database features to existing products using MongoDB and Java

Technical Lead, Google

March 2008 - April 2012

- Co-founded the project which became Google Hangouts
- Designed and implemented the prototype of Google Hangouts and 2 other projects
- Designed and Implemented [Instant Previews](#) in Google Search

- Managed and evaluated software engineers for Google Hangouts

Senior Software Engineer, [Mars Space Flight Facility](#)

February 2004 - March 2008

- Led the implementation of a WMS compliant planetary map server for Mars and the Moon
- Implemented interactive maps of Mars and Earth for the web
- Worked with system administrators to design server and monitoring system

Software Design Engineer, Microsoft

March 1998 - December 2003

- Designed and implemented DRM features for Mac, Linux, and Windows
- Implemented new OSX UI for Microsoft Office
- Instructed engineering team on security practices and managed code reviews

Lead Software Engineer, Autometric

October 1995 - March 1998

- Automated virtual human generation from speech scripts
- Developed software tools to assist computer graphics animators
- Miscellaneous system administration tasks
- Clearance: Top Secret (expired)

Education

BS, Computer Science, [SUNY @ Buffalo](#)

Projects and Publications

- [Illumination Videocassette](#), ACM SIGGRAPH, 1997
- *The Creation of Realistic, Talking Computer Generated Humans* Panel, [Association of Medical Illustrators](#) Conference, Baltimore, Maryland, 1997
- [System and method for manifest generation](#), Patent, 2003
- [Debugging and application that employs rights-managed content](#), Patent, 2003

Technical Skills and Interests

- Expertise: Linux, Windows, MacOS, Server development, C/C++
- Competence: Postgres, Golang, React Native, Javascript, Mobile development, System administration, Java, HTML, CSS, SQL
- Other interests: Gaming and esports, privacy, security, startup advisor