

John Unruh

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EDUCATION

GALVANIZE

FULL STACK(FORMERLY KNOWN AS
gSCHOOL) FULL STACK WEB
DEVELOPMENT - JAVASCRIPT
Denver, CO

PURDUE UNIVERSITY

MS IN COMPUTER SCIENCE
West Lafayette, IN

ROSE HULMAN INSTITUTE OF TECHNOLOGY

BS IN COMPUTER SCIENCE
Terre Haute, IN

RMDMA/CSU

CERTIFICATE IN DIRECT MARKETING
Denver, CO

LINKS

Github: [//github.com/jdunruh](https://github.com/jdunruh)
LinkedIn:
www.linkedin.com/in/johnunruh

SKILLS

PROGRAMMING

JavaScript • node.js • Shell • Ruby/Rails •
Clojure • C • Github • HTML • CSS •
React.js

BUSINESS

General Management • Technical
Management • Business Planning • Small
Company M&A

PUBLICATIONS

PROCESSOR DISPLACEMENT: AN AREA/TIME TRADEOFF METHOD FOR VLSI DESIGN

MIT Conference on VLSI Design

THE ANYMEDIA® ACCESS SYSTEM - PROVIDING SOLUTIONS FOR DISTRIBUTION AND NETWORK INDEPENDENCE

The Bell Laboratories Technical
Journal

US PATENTS

7,099,939 AND 7,088,704

EXPERIENCE

SUMMARY

Experienced technologist and manager with updated web development skills for 2016

JJ GRAPHICS, LLC DBA ALLEGRA MARKETING | PRINT | MAIL - 2002 TO PRESENT

| PRESIDENT AND GENERAL MANAGER

Responsible for all business functions, including P&L. Completed three acquisitions and one business sale. Upgraded IT infrastructure, Developing custom queries, reports, and web sites to support the business and for clients (Ruby, Clojure). Developed customer web site. Hired (and fired) staff, analyzed financial statements, improved work methods.

BELL LABORATORIES, AT&T BELL LABORATORIES, AT&T NET- WORK SYSTEMS, LUCENT TECHNOLOGIES - JUNE 1980 TO NOVEMBER 2002

| TECHNICAL MANAGER

Manager for Access Systems System Architecture and Requirements generation. Led architecture development reusing low cost hardware elements to produce a new voice and data communication system at a low cost point and a best in the industry density. The system was successful in the competitive local exchange carrier and international markets. Built and maintained relationships between New Jersey, Illinois, and German teams. Led development of system requirements. Responsible for department budget and recruiting.

| DISTINGUISHED MEMBER OF TECHNICAL STAFF (PRINCIPAL)

Rescued four troubled and ultimately successful projects, operator scheduling, intelligent network, and voice messaging. Project manager for massive wireless project. Key issues were teaching a subcontractor how to scale a development team, working across organizational boundaries, rationalizing product lines, and the sheer scale of the development. Developed license administration system using SQL database.

| MEMBER OF TECHNICAL STAFF

Unix system administration and device driver development. Found and fixed field problems with device drivers, resolved process deadlock issue and the UNIX boot sequence crash. Wrote a new device driver. Designed and coded both sides of a data protocol between switching system and external administration system. Invented new approach to data collection allowing us to meet difficult requirements that would have required more memory than the processor could take.. Invented method for cross release API compatibility. Came up with simple approach to handle directory assistance interflow calls. C, emacs, Common Lisp. Member of successful FAA RCE proposal team.

MULTIDATA SYSTEMS - JUNE 1978 TO AUG 1979

Founder and software developer for early stage startup. Wrote BIOS, boot (assembly) and COBOL application code.