

TERRY G LORBER

Swampscott, MA ♦ tgl@rideside.net ♦ +1-781-632-0733

PROFILE

Consensus-building leader of cross-functional product development teams. I've developed strategy and implemented product roadmaps for startups to global businesses. Pro-active project manager experienced with quality systems for medical devices.

EXPERIENCE

Founding Software Engineer

FabuBlox

March 2025 - present

Boston, MA

- Software for semiconductor process design, simulation, and visualization.
- Software Engineering, Computational Geometry, C++, TypeScript

Software Engineer, Architect

Alloy Enterprises

June 2022 - November 2024

Burlington, MA

- Planned, built, and maintained proprietary CAD/CAM software to support Alloy's novel manufacturing process. Collaborated across disciplines to unlock aluminum components at scale.
- Software Engineering, Computational Geometry, Manufacturing, Python, C++

Consultant

Self-employed

December 2018 - June 2022

Swampscott, MA

- Advised businesses on advanced manufacturing, technology integration, and product development.

VP of Software

LightForce Orthodontics

August 2017 - December 2018

Cambridge, MA

- Joined this pre-seed round dental startup as first software hire. Responsible for medical device and workflow software in support of company's first sale. Contributed system architecture, implementation, regulatory documentation, project management, and product management.
- Medical Devices, FDA, JavaScript, C++, Computational Geometry
- **510(K) No. K183542** Signature Orthodontics System, 2019-01-02
- **510(K) No. K181271** Signature Orthodontics System, 2018-06-13

Director, Global Digital Product Development

Atlantis - Dentsply Sirona

August 2010 - August 2017

Waltham, MA

- Strategy and project planning for global digital business.
- Product Development, Cross-functional Team Leadership, Medical Devices, Manufacturing
- **US Patent No. 10,390,910 B2** INTEGRATED DENTAL IMPLANT COMPONENT AND TOOL FOR PLACEMENT OF A DENTAL IMPLANT COMPONENT
- **US Patent No. D787,061S** SCAN BODY FOR DENTAL IMPLANT PROCEDURES

Consulting Software Engineer

Atlantis - Astra Tech

January 2007 - July 2010

Waltham, MA

- Technical owner of industry leading B2B platform.
- Software Engineering, Medical Devices, Manufacturing, Ruby on Rails, C++, Computational Geometry

Senior Software Engineer

Atlantis Components

August 2000 - January 2007

Cambridge, MA

- First software hire for this dental startup. Automation of data acquisition, product design, and manufacturing workflows.
- Software Engineering, Medical Devices, Manufacturing, C++, Ruby on Rails

Product Engineer

Freudenberg Sealing Technologies

June 1996 - September 1999

Bristol, NH

- Product design, prototyping, and testing in support of sales and manufacturing. My first experience with Kaizen and continuous improvement culture.
- C, Siemens NX, Computer-Aided Design (CAD), Manufacturing

EDUCATION

M.S. in Computer Science

Boston University

June 2010 - September 2013

Boston, MA

B.S. in Engineering (Mechanical Engineering)

University of Michigan

September 1992 - May 1996

Ann Arbor, MI

SKILLS

Computer Languages

Bash, C++, JavaScript, Python, R, Ruby, SQL, TypeScript

Operating Systems

Browsers (Chrome, Firefox), Linux (Ubuntu), macOS, Windows

Protocols & APIs

HTTPS, JSON, REST, RPC, WSS, XML, YAML

Databases

MS SQL Server, PostgreSQL, Redis, Sqlite3

Web & App servers

flask, NGINX, node.js, puma

Tools

CMake, Conan, Docker, Emacs, GitHub, Google Cloud, Jira, Linear.app, WordPress

Frameworks

CGAL, FLTK, Node.js, OpenGL, OpenMesh, React, Ruby on Rails, Sinatra.rb, three.js, Unidraw, VTK, Vue.js

Methodologies

Agile, Continuous Improvement, Kaizen, KanBan

Influencers

Atwood's Coding Horror, Beck's XP, Booch's UML, Brooks' The Mythical Man-Month, DeMarco & Lister's Peopleware, Fowler's Continuous Integration, Spolsky's Joel on Software, Gamma, Helm, Johnson, and Vlissides's Design Patterns, Tufte's Visual Display of Quantitative Information

EXTRA

Brewer, Gardener, Hiker, Programmer, Telemark skier

Town Meeting Member — Swampscott, MA — 2018-2025

Cubmaster Pack 55 — Swampscott, MA — 2018-2021

UM College of Engineering Leadership Honor Society — Ann Arbor, MI — 1995

Eagle Scout Troop 295 — Concord, NH — 1991