Shane Earley
Engineer | Entrepreneur

Contact

Email
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About

Working somewhere near Boston, MA. From a big hockey family in New Hampshire. Earned degrees from Saint Anselm College and the University of Notre Dame in engineering physics and entrepreneurship. Learning to build reliable software and hardware products with startups.

Profiles

GitHub
github.com/shanejearley

Keybase
keybase.io/shanejearley

LinkedIn
in/shanejearley

Twitter
@shanejearley

Work

Consensus Networks
Jul 2020 – Present

Lead Engineer

Consensus Networks is building hardware and software infrastructure to protect, monitor, and mobilize assets.

Highlights

- Architect blood supply/demand module to integrate with Navy medical
- Build sites, contracts, and distributed systems for secure peer-to-peer networks

Contractor
Jul 2019 – Present

Software Engineer

Providing large to small businesses with secure and lightweight software development services.

Highlights

- Develop enterprise apps for a diverse set of device platforms
- Create maintainable software and release workflows for businesses

Local Goods
Aug 2021 – Dec 2022

Local Goods

Technical Cofounder

Local Goods was building digital tools for entrepreneurship, fitness, and learning.

Highlights

- Build ecommerce storefront widgets to support shoppers and merchants
- Invent fitness and learning applications using high quality data, statistics, and ML

Otter Therapies   Jul 2019 – Oct 2020

Technical Cofounder

Otter Therapies was building a collaborative care coordination platform for special needs parents, therapists and caregivers.

Highlights

- Build an app for care teams with chat, files, and event scheduling
- Design secure architecture for handling sensitive patient data

Vital View Technologies   Apr 2019 – Dec 2019

Technical Product Manager

Vital View Technologies is building a non-contact health sensing platform for chronic disease care.

Highlights

- Prototype algorithms to process breathing and heartbeat signals
- Manage product milestones and coordinated engineering team meetings

Education

University of Notre Dame   May 2018 – Apr 2019

Engineering, Science, and Technology Entrepreneurship

M.S.

Saint Anselm College   Aug 2014 – Apr 2018

Applied Physics with Computer Science and Math

B.A.

Projects

Base   Dec 2022 – Present

Lead Engineer

Measurable body and mind fitness training

Highlights

- Process real-time HRV data using DFA1 to approximate lactate threshold
- Build native apps for passively measurable workouts (e.g. zone 2 training)
- Experiment with WASM to run C++ statistical models in the browser

Awards

McCloskey New Venture Competition Winner

Mar 2019

Awarded by **Mendoza College of Business**

Vital View Technologies won the McCloskey New Venture Competition.

Skills

Development

C++ TypeScript Python

Infrastructure

AWS Docker Shell

Interests

Reading

Classics Philosophy Psychology

Sports

Dancing Hockey Surfing