

Sam Beller

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Education

Brandeis University, Waltham, MA.

B.S. in Computer Sciences

May, 2014

Cornell University, Ithaca, NY

Certificate in Machine Learning

August, 2023

Relevant Coursework and Other Skills

- Coursework in Java and object-oriented design; programming language, design and theory; discrete mathematics; and data structures and algorithms
- Proficient in the following programming languages and frameworks: Typescript, Javascript, Golang, Java, Python, Node, Apache Tomcat, Lua, SQL, Ruby, Scheme, Rails, Processing

Publications

- A. Stoughton, A. Johnson, **S. Beller**, K. Chadha, D. Chen, K. Foner, M. Zhivich, You Sank My Battleship!: A Case Study in Secure Programming. In *Proceedings of the Ninth Workshop on Programming Languages and Analysis for Security*, 2014.

Experience

Freelance Senior Frontend Engineer

April 2023 - December 2024

- Worked primarily in React to create rich, interactive frontends for complex applications

Stealth Sports Betting App, Los Angeles, CA

- Stepped in to rescue project after development lead dropped out for personal reasons
- Deployed within a week of starting on project after months of development without product team access

Sonra Intelligence Ltd, Dublin, Ireland

- Took over as lead developer on complex SQL visualization tool's UI
- Refactored codebase, maintaining existing behavior while introducing new features and improving stability
- Converted majority of codebase to Typescript

The Farmer's Dog, New York City, NY

Senior Software Engineer

April 2021 - July 2022

- Led major version upgrade of ORM used in all backend services
- Built dashboard for managing availability of products at company's fulfillment centers
- Redesigned infrastructure for quoting subscriptions and prices to customers
- Worked cross-functionally to address discrepancies in pricing logic

SoundMap LLC, New York City, NY

Founder

February 2020 - April 2021

- Conducted customer interviews to determine viability of product and needs of potential users
- Onboarded and managed two engineers
- Designed and implemented React Native iOS app with node backend

Intafel Corp, Cambridge, MA

Founder

February 2018 - February 2020

- Wrote proposal resulting in six-figure grant from DHS
- Conducted customer interviews determining product-market fit and potential use-cases
- Built large, modular Go-based application for provisioning and managing multiple container and VM-based virtual environments

Shoobx Inc, Cambridge, MA

Senior Software Engineer

March 2018 - October 2018

- Rebuilt entire onboarding process
- Designed and built integrations with third-party applications
- Wrote onboarding instructions for new engineers and developed Salt script for setting up Mac workstations

Tripadvisor for Business, Needham, MA

Software Engineer

August 2014 - March 2018

- Introduced React in B2B payments flow, replacing legacy JQuery based flow
- Built out purchase flows handling hundreds of thousands of dollars daily
- Worked with numerous external partner APIs, while maintaining stringent security requirements