ELI BILDMAN

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EXPERIENCE

Alarm.com
Software Engineer II

June 2023 – Present
Needham, MA

- Full stack development of multiplatform smarthome solution to control millions of thermostats and other devices worldwide.
- Implementation and maintenance of external API for integration with third parties.
- Development and rollout of many opt-in programs to connect users with various products.
- Interfacing with deployment to serve as dev-ops liaison for my team, as well as managing deployment of team-specific microservices.

SICK Inc.
Software Engineer II

June 2021 – June 2023
Stoughton, MA

- Designed and created high-level conveyor belt and sensor applications to collect information and catch errors for industrial use cases.
- Used machine vision and deep learning to process scan data and provide insights.

Pakira
Software Engineering Intern

June 2020 – August 2020
Cambridge, MA

- Worked directly with software engineers to stand up new raw materials trading platform.

EDUCATION

University of Massachusetts Amherst, Honors College
BS Computer Science

September 2018 – December 2021
Amherst, MA

SKILLS

- Languages: C#, Javascript, Typescript, Python, Java, Ruby, HTML/CSS, C, C++, Bash, Lua, SQL
- Technologies: .NET, Node.js, Ember.js, Express, Kafka, Kubernetes, MSSQL, MongoDB, PSQL, Arduino

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PERSONAL PROJECTS

BetaPoker Python
https://github.com/EliBildman/BetaPoker
A CFR automated poker agent trained using minimal resources.

A3 Node.js, React, Arduino, Raspberry PI
https://github.com/EliBildman/A3
An automation server that provides full control over a range of commercial and custom smart home devices.

ACHIEVEMENTS

Dean's List
Spring 19, Fall 19, Spring 20, Fall 20, Spring 21, Fall 21
University of Massachusetts Amherst