

Trevor Armand

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Available June - Dec. 2020

EDUCATION

Northeastern University

Boston, MA

Khoury College of Computer Sciences

Sept. 2017 - May 2022

Candidate for **Bachelor of Science in Computer Science and Economics**

Courses: Algorithms & Data Structures, Object Oriented Design, Database Design,
Econometrics, Logic and Computation, Statistics, Macro & Micro Economic Theory

TECHNICAL SKILLS

Languages: Java, Python, Go, Racket, Lisp, R, HTML, CSS

Tools: Apache Storm, Kafka, Spring MVC, Aerospike, MsSQL, Jenkins, Kibana, Kubernetes, InfluxDB

PROJECTS

Bulletproof Coffee

In Development

- Building a platform on Flask & PyTorch for predicting unbalanced batter/pitcher matchups in MLB games based on pitch physics

NextFM

Ongoing

- Created tool for analyzing Spotify listening data gathered from LastFM with Python

Boston Object Map

April 2019

- Generated a map of Boston using public datasets containing coordinate positions of objects such as parking meters, street lights, trees, fire hydrants, parks, and more

Two Cars

Dec. 2018

- Developed 2D scrolling game based on KetchApp Studio's iOS app with Java MVC

WORK EXPERIENCE

Wayfair

Boston, MA

Software Engineer Co-Op, Ad Technology

July 2019 - Dec. 2019

- Built an API proxy service from the ground up
 - Platform reduced technical debt, abstracted boilerplate code, and allowed for enhanced permissions control across numerous ad vendor APIs
 - Created a REST API on top of Google Adwords Java SDK allowing much faster creation of analytics scripts
- Assisted with cyber 5 scale preparation on a platform responsible for updating over 100 million product listing ads in real time
 - Investigated and implemented filters resulting in an 86% reduction in messages from our noisiest channel
 - Identified and resolved silent failures in pipeline causing message dropage issues
 - Built monitoring tools, resolved performance issues, optimized SQL interactions

Freedom Boat Club

Beverly, MA

Dockmaster

June 2016 - July 2019

- Managed a fleet of 14 vessels, including maintenance, presentation, and availability
- Trained new employees both in group and individual settings

Personal Interests: Skiing, Ice Hockey, Music, Biking, PC Building, Cars, Boats, Video Games

Tech Interests: Building at scale. Data processing, backend & API development. Go is super cool.