

Trevor Armand

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Available July - 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

St. John's Preparatory School

Danvers, MA

Honors: Honor Society, Investment Club Award, Prep Leadership Institute

May 2017

TECHNICAL SKILLS

(ordered by proficiency):

Languages: Java, Racket (Scheme), Python, Lisp, R, HTML, CSS

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

PROJECTS

NextFM

Present

- Analyzed Spotify listening data gathered from LastFM's REST API with Python

Two Cars

Dec. 2018 - Jan. 2019

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

Ham and Spam

Jan. 2019

- Implemented naive bayes classifier in Python to detect spam emails

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 reduces technical debt, abstracts boilerplate code, and allows 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, identified and 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
- Handled communication with marina, facilitating effective use of shared space

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