

# Trevor Armand

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Available July - Dec. 2020

## EDUCATION

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<b>Northeastern University</b>	Boston, MA
<i>Khoury College of Computer Sciences</i>	Sept. 2017 - May 2022
Candidate for <b>Bachelor of Science in Computer Science and Economics</b>	
Courses: Algorithms & Data Structures, Object Oriented Design, Database Design, Econometrics, Logic and Computation, Statistics, Macro & Micro Economic Theory	
<b>St. John's Preparatory School</b>	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, MySQL, Jenkins, Kibana, Kubernetes, InfluxDB

## PROJECTS

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<b>NextFM</b>	Present
• Analyzed Spotify listening data gathered from LastFM's REST API with Python	
<b>Two Cars</b>	Dec. 2018 - Jan. 2019
• Developed 2D scrolling game based on KetchApp Studio's iOS app with Java MVC	
<b>Ham and Spam</b>	Jan. 2019
• Implemented naive bayes classifier in Python to detect spam emails	

## WORK EXPERIENCE

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<b>Wayfair</b>	Boston, MA
<i>Software Engineer Co-Op, Ad Technology</i>	July 2019 - Dec. 2019
• Built an API proxy service from the ground up <ul style="list-style-type: none"><li>Platform reduces technical debt, abstracts boilerplate code, and allows for enhanced permissions control across numerous ad vendor APIs</li><li>Created a REST API on top of Google Adwords Java SDK allowing much faster creation of analytics scripts</li></ul>	
• Assisted with cyber 5 scale preparation on a platform responsible for updating over 100 million product listing ads in real time <ul style="list-style-type: none"><li>Investigated and implemented filters resulting in an 86% reduction in messages from our noisiest channel</li><li>Identified and resolved silent failures in pipeline causing message droppage issues</li><li>Built monitoring tools, identified and resolved performance issues, optimized SQL interactions</li></ul>	
<b>Freedom Boat Club</b>	Beverly, MA
<i>Dockmaster</i>	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	

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