

# Anthony Naddeo

Problem solver, API designer, functional programmer

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📄 [github.com/naddeoa](https://github.com/naddeoa)

## Experience

2016 **Amazon, Consumer Engagement**, Software Development Engineer II, Seattle.

- Created and launched the React/Redux web version of Amazon's retail chat platform.
- Created unique build systems to support the build, development, and distribution of embeddable single page app chat widget.
- Created an innovative web canary that runs 24/7 for months with >99% availability and finds obscure bugs in production code that humans are unlikely to come across.
- Replaced two unstable, unreliable, and difficult to maintain test suites for web and mobile with a single suite that covers multiple platforms, runs in multiple environments and fails less than once a month on average.

2013  
2016

**Amazon, Display Advertising**, Software Development Engineer I/II, Seattle.

- Designed and implemented the front end framework for Amazon's enterprise self-service campaign management and analytics platform.
- Enable distributed development among multiple teams working on the same website by providing component libraries and APIs for UI metadata.
- Designed Java/JSP component libraries to render Amazon's advertising data model across multiple stacks.
- Lead efforts to modernize the front end with JavaScript/React and the front end build systems with Webpack.
- Created a service that exposes multiple team's data models as a single, unified one that can be retrieved entirely or partially. Makes heavy use of Java async/concurrency classes like Future.

## Education

2009  
2013

**B.S. Computer Science**, *University of Maine*, Orono, Dean's List.

Mobile application development, relational databases, programming languages.

## Projects

2016

**Stream**, <https://github.com/naddeoa/stream>.

Allow developers to create functional, infinite streams of data in Elm that won't overflow the stack.

2017

**CLJS Elm Parser**, <https://github.com/naddeoa/elm-clojurescript-hello-parser>.

A grammar using the Instaparse library in Clojure(Script) that parses the Elm programming language into a data structure (AST) that can be queried and manipulated.

2016

**GraphQL Java Parser**, <https://github.com/naddeoa/graphql-java-parser>.

A library that uses JFlex/Cup in Java to create data models (AST) of GraphQL queries.

## Interests

Programming Creating lexer/parsers for domain specific languages.

Bodybuilding First overall Classic Physique, second in class Bodybuilding NPC Northwest Championships 2016.

Mentoring Teaching non-technical people of various backgrounds to become entry level full, stack programmers.

Mobile I am 1 of 250 developers world wide to win an n950 smart phone from Nokia in a programming competition to develop applications for their open source Maemo OS.

## Technical Skills

Languages Java, JavaScript, Elm, TypeScript, Clojure(Script), Python, Haskell, SQL.

Frameworks Spring, Guice, React, Redux, Backbone, REST, Selenium, Appium.

Tools Vim, IntelliJ, AWS, VSCode, Linux, Webpack, Git, Instaparse, Cup/Flex, zsh, PlantUML.