

Amal Nazeem

420 Massachusetts Ave. #7 Boston, MA 02118

508-847-4638

nazeem.a@husky.neu.edu

GitHub: <https://github.com/TomatoToaster>

Website: <https://tomatotoaster.com/>

Education

Northeastern University: Boston, MA

Sept 2015 – Expected Dec 2018

Bachelor of Science in Computer Science and Mathematics GPA: 3.4 / 4.0

Coursework: Computer Graphics, Programming Languages, Object Oriented Design, Algorithms, Database Design
Cryptography, Adv. Linear Algebra, Group Theory, Real Analysis, Complex Analysis, Fourier Series

Skills

Languages:	Proficient: JavaScript(ES6), Java, Racket, HTML/CSS, SQL Familiar: Python, R
Frameworks/APIs:	React.js, Nightwatch, Maps JS API, Node.js (npm), Webpack, Liferay
Operating Systems:	Mac OSX, Windows, Linux (Ubuntu, Raspbian)
Misc. Software:	Vim, VS Code, Eclipse, IntelliJ, Google Cloud, AWS, Postman, LaTeX, Sketch,

Work Experience

Intuit: San Diego, CA

July 2017 – Dec 2017

Product Manager/ Software Engineer: Consumer Group STAR/DNA Team

- Drove TurboTax Shared Global Navigation improving cross team development efficiency by 66 percent
- Redesigned and roadmapped TurboTax Bookmarks feature improving customer impact and feedback
- Defined Mint user survey to understand customer interest in TurboTax and competing tax software
- Wrote React modules for TurboTax's Visual Refresh and published to internal npm registry for cross team use
- Rewrote front-end testing for TurboTax Start Experience using Nightwatch to vastly improve deployment time

Northeastern University: Boston, MA

Sept 2016 – Dec 2016

Course Assistant: Fundamentals of Computer Science I

- Mentored peers/students in systemic problem solving, functional programming, and client-server architecture
- Acted as intermediary between students and professors for questions and concerns

Projects

Pick4Me ([On Github](#)): Polling for Quick Questions

Jun 2018 – Present

Node.js, Express, React, MySQL, Google Cloud Tools

- Designed application to focus on utility to user while avoiding addictive social media tendencies
- Utilized Webpack to set up lightweight development environment and ESLint to enforce structured coding style
- Leveraged Express and MySQL to create backend API and React & Semantic-UI to create seamless experience

Bathroom Status ([On Github](#)): Google Assistant App for Bathroom

Jun 2018 – Jun 2018

Node.js, Google Actions API, Google Cloud Tools

- Created a Google Action that reports bathroom status based on a JSON published by a Pi in a bathroom
- Used Google Cloud Tools to host application as inexpensive serverless Function

Food Viola (foodviola.tomatotoaster.com): Food Violation Mapping in Boston

Mar 2018 – Jun 2018

R, Node.js, Maps API, Bash, Google Cloud

- Wrote bash and R scripts to periodically download and parse data from data.boston.gov into Google Cloud VM
- Used Google Maps JS API to visualize and categorize food inspection violations in Boston

America Scores: Pacer Collection System

Sept 2016 – Dec 2016

Web Developer: React, Node.js, Amazon EC2

- Communicated requirements and work progress in a team of 18 through Confluence and Jira
- Wrote React components for Administrative Web App and hosted application on Amazon EC2 instance

Interests

Traveling (Barcelona, Paris, Nice, Nova Scotia, Bahamas, India), Guitar, Cryptocurrency, International Novels/Film