

Amal Nazeem

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GitHub: [TomatoToaster](#)

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Website: <https://tomatotoaster.com>

Education

Northeastern University: Boston, MA

Sept 2015 – Dec 2018

Bachelor of Science in Computer Science and Mathematics GPA: 3.24 / 4.0

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

Skills

Languages: **Proficient:** JavaScript(ES6), Java, Racket, HTML/SCSS, SQL **Familiar:** Python, R
Frameworks/APIs: React.js, Nightwatch.js, 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 reusable React modules for TurboTax's Visual Refresh and published to npm registry for cross team use
- Implemented A/B testing using Wasabi framework for detailed analytics on bold new cross platform feature
- 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 & 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

- Developed Google Action so that bathroom availability is visible through any Google Home/Assistant device
- 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

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

America Scores: Pacer Collection System

Sept 2016 – Dec 2016

Web Developer: React, Node.js, Amazon EC2

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

Interests

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