

Amal Nazeem

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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, Cryptography, Adv. Linear Algebra, Complex Analysis

Skills

Languages:	Proficient: Java, JavaScript(ES6), Racket, HTML, CSS, SQL Familiar: Python
Frameworks/APIs:	React, Nightwatch, Maps JS API, Webpack, Node (npm), Twilio, Liferay, Postmark
Operating Systems:	Mac OSX, Windows, Linux (Ubuntu, Raspbian)
Software:	Vim, VS Code, Eclipse, IntelliJ, XCode, GCloud, Jira, LaTeX, Sketch, Zeplin

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 60 percent
- Redesigned and roadmapped TurboTax Bookmarks feature with focus on 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 framework 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

Kumon of Shrewsbury: Shrewsbury, MA

Aug 2014 – Aug 2015

Shift Supervisor

- Managed 4+ tutors and teaching space in order to optimize learning environment for students
- Empowered K – 12 students to learn math and reading above their grade level

Projects

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

Jun 2018 – Present

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

- 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 and Semantic-UI to create seamless UI

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 Action as inexpensive serverless Google Function

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

Mar 2018 – Jun 2018

R, Node.js, Maps API, 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 Web App and hosted application on Amazon EC2 instance

Interests

Traveling (Barcelona, Paris, Nice, Nova Scotia, Bahamas), Gaming, Guitar, Cryptocurrency, International Books/Film