

Tejasvi (Teju) Nareddy

tejunareddy@gmail.com | (508) 410-0364

4 Cherry Lane, South Grafton, MA 01560

www.tejunareddy.com

www.github.com/nareddy

Backend engineer with experience in Cloud Computing & Distributed Systems

EDUCATION

Georgia Institute of Technology

August 2015 – May 2019

- GPA: 4.00 / 4.00
- Pursuing a Bachelor's in Computer Science with concentrations in Cloud Computing and Artificial Intelligence

PROFESSIONAL EXPERIENCE

Google Cloud Platform – Software Engineering Intern – Apigee

Summer 2018

- Improved customer experience on our IPAAS offering by creating a framework to increase connector consistency
- Designed a new scalable, distributed service that allows customers to publish connectors on Google Cloud Platform

Amazon Web Services – Software Developer Intern – Elastic Map Reduce

Winter & Spring 2018

- Designed and implemented a feature that allows customers to monitor the health of applications on an EMR cluster
- Integrated my feature with industry-standard big data applications, such as Hadoop, Spark, and HBase
- Collected metrics and worked with product management to minimize compute resource utilization

Salesforce – Backend Software Engineering Intern – Infrastructure & IoT

Summer 2016 & 2017

- Developed a RESTful, distributed web service in Java that maintains fixed-size pools of AWS EC2 instances
- Reduced AWS virtual machine spawn times for F5 BigIP Load Balancers by ~50% (20 minutes)

Head Teaching Assistant for CS 3600: Introduction to Artificial Intelligence

All of 2017

- Taught students about Machine Learning, Markov Decision Processes, Probabilistic Reasoning, and Classic Search

ACTIVITIES

Teacher and Facilitator for Girls Who Code

June 2017 – December 2017

- Taught middle school girls basic software engineering skills in Git, HTML, CSS, JavaScript, and Python
- Mentored a small group of students in creating their own Facebook Messenger chatbot and scratch game

Full-Stack and Backend Developer for Bits of Good

August 2017 – Present

- Worked in an agile team of 5 students to build a full-stack tutoring platform for a non-profit in the Atlanta area

COMPLETED PROJECTS

Discover Reward Notifier: Chrome Extension – JavaScript

March 2018 – Present

- Maintaining a beginner-friendly open-source project to encourage first-time contributors to follow the PR process

Hadoop Job Duration Prediction: Neural Net Prediction API – Python, Java, Bash

February 2018

- Collected and processed production data about Hadoop usage to train a xgboost model and predict job times
- Demoted a realistic customer use-case by integrating our prediction endpoint into the AWS EMR CLI

QuizLingo Voice Assistant: Google Assistant & Alexa Skill – Node.js, NoSQL

June 2017 – January 2018

- Won the Actions on Google Developer Challenge, **officially recognized** on the [Actions on Google Website](#)
- Developed a voice assistant skill that quizzes English speakers on vocabulary words in foreign languages
- Built a Google Dialogflow model for natural language processing and slot-filling responses to user messages

Logo Lens – Microsoft HoloLens App – C#, Python, SQL

September 2016 – January 2017

- Won HackMIT, demoed our application to NASDAQ's CTO Brad Peterson, and was featured in [a news article](#)

SKILLS

Programming

Java EE – Cloud Services
Node.js – Backend APIs
Python – AI & Big Data
Solidity – Smart Contracts
Bash – Tooling & Scripting

Enterprise Processes

Microservices Architecture
Serverless Architecture
Continuous Deployment
Monitoring & Metrics
Log Data Analysis
Containerization

Open Source

moss.py
CircleCI
AWS CLI
GIT MAD
Ethereum Docs
Alexa API Bridge

Core Technologies

AWS, GCP, Azure
Docker, Kubernetes
Maven, Jenkins, Git
Hadoop, IoT Devices
Oauth2, Linux, Unix
SQL & NoSQL Databases