Tejasvi (Teju) Nareddy

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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
- Demoed 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	Enterprise Processes	Open Source	Core Technologies
Java EE – Cloud Services	Microservices Architecture	moss.py	AWS, GCP, Azure
Node.js – Backend APIs	Serverless Architecture	CircleCI	Docker, Kubernetes
Python – AI & Big Data	Continuous Deployment	AWS CLI	Maven, Jenkins, Git
Solidity – Smart Contracts	Monitoring & Metrics	GIT MAD	Hadoop, IoT Devices
Bash – Tooling & Scripting	Log Data Analysis	Ethereum Docs	Oauth2, Linux, Unix
	Containerization	Alexa API Bridge	SQL & NoSQL Databases