

Amit Tallapragada

Address: 3536 Jennifer Daisy Dr., San Jose CA,

Phone: 408-821-8225, **Email:** atallapr@asu.edu, **GitHub:** <https://github.com/amittallapragada>

LinkedIn: <https://www.linkedin.com/in/amit-tallapragada/>, **Work Status:** US Citizen, no sponsorship needed

EDUCATION

Bachelor of Science in Engineering (B.S): Computer Science, *Arizona State University, School of Computing, Informatics, and Decision Systems Engineering*

Cumulative GPA: 3.97/4.00

Graduation: May 2019

Honors: Barrett, the Honors College Student, Dean's List, Golden Key Honour Society Member

Relevant Coursework: Data Structures and Algorithms, Theoretical Computer Science, Database Management, Artificial Intelligence, Data Visualization (Grad course)

WORK EXPERIENCE

Cisco Systems, **Software Engineer**, July 2019 – Present San Jose, CA, Software Engineer

- Software Engineer at Cisco's Customer Experience Data Analytics and AI organization
- Working on the development of the Cisco Chat Bot Unification platform
- Brought three new features to production within first two months of being hired.
- *Skills Utilized:* Python, Scikit-learn, Rasa, Docker

Cisco Systems, **Software Engineering Intern**, May 2018 – June 2019 Raleigh, NC, Software Engineer

- Team Project: Developed a data science pipeline for data scientists to compute and store results for four different classifier models
- Built a regression model that helps the team estimate the cost of labor for installing Cisco hardware in client facilities.
- *Skills Utilized:* Python, Scikit-learn, Flask, Docker

Symphony Health Solutions, **Software Development Intern**, May 2017 – Aug 2017

San Jose, CA

- Developed a web crawler that autonomously filled forms online to find information on over 1.5 million doctors and indexed that data into a database.
- Implemented natural language processing algorithms to retrieve relevant information found in the database.
- *Skills Utilized:* Python, Java, Selenium, HBase, Apache Solr, Apache Nutch, Amazon Web Services

ACADEMIC EXPERIENCE

Honors Thesis

- Worked under Professor Heni Ben Amor to research and build LSTM networks that classified song lyrics by genre and generated lyrics in the style of particular artists. More info: https://github.com/amittallapragada/LSTM_Barrett_Thesis

Senior Capstone Project

- Worked with Nationwide Insurance to develop a neural network and unary classifier that could predict forest fire prone regions throughout California. We also created a full stack web application for insurance agents to interact with our model.

PUBLICATIONS

Nallapu, Ravi Teja, Amit Tallapragada, and Jekan Thangavelautham. "Radiometric Actuators for Spacecraft Attitude Control." N.p., 26 Jan. 2017. Web. 03 May 2017.