

Anirudh Maddula

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EDUCATION

CORNELL UNIVERSITY
MENG IN COMPUTER SCIENCE
Expected May 2020 | Ithaca, NY

CORNELL UNIVERSITY
BS IN COMPUTER SCIENCE
Expected Dec 2019 | Ithaca, NY
College of Engineering
Cum. GPA: 3.45

LINKS

Github:// [amaddula](#)
LinkedIn:// [anirudh-maddula](#)
Personal:// [anirudh-maddula.com](#)

COURSEWORK

GRADUATE

Advanced Machine Learning
Open Source Software Engineering
Crowdsourcing

UNDERGRADUATE

Computer Vision
Natural Language Processing
Machine Learning for Intelligent Systems
Artificial Intelligence + Practicum
Information Retrieval
Algorithms
Operating Systems
Functional Programming
OOP/Data Structures (Java)
Python
(Teaching Asst)
Artificial Intelligence

SKILLS

PROGRAMMING

Java • Python • Javascript • OCaml
C • C++ • C# • MySQL • \LaTeX

FRAMEWORKS

Node • Express • Flask • React
React-Native • Unity • Maven
Docker • Kubernetes • Ansible

OTHER

Windows • Linux • OSX
Git • AWS • Jenkins • JMeter

ACTIVITIES

Big Red Marching Band
Cornell University Indoor Drumline

EXPERIENCE

CAPITAL ONE | SOFTWARE ENGINEERING INTERN

June 2019 - Aug 2019 | McLean, VA

- Built intake application to automate client onboarding into fraud security tool
- Developed React/Redux app with Node.js/Express backend deployed with AWS EC2 instances and AWS Lambda Functions

AT&T | SOFTWARE ENGINEERING INTERN

June 2018 - Aug 2018 | Dallas, TX

- Optimized Docker/Kubernetes runtime platform, using Ansible to automate micro-service deployments on Jenkins
- Created tool to improve DirecTV customer retention, using React.js and Java/Spring-Boot analytics API

AT&T | SOFTWARE ENGINEERING INTERN

June 2017 - Aug 2017 | Atlanta, GA

- Developed a micro-services Rest API in Java with Maven around AT&T J2EE framework with Java design patterns with SQL database
- Used JMeter to stress/load test API and deploy it to Jenkins

RESEARCH

NATURAL LANG. PROCESSING LAB | UNDERGRADUATE RESEARCHER

Jan 2019 - Present | Ithaca, NY

- Worked with **Claire Cardie** to research argument mining and persuasion
- Predicted argument persuasiveness score using BERT, graph CNN's, and first-order logic representation of arguments
- Constructing machine learning framework to evaluate results on RandomForestClassifier and SVM

VIRTUAL EMBODIMENT LAB | UNDERGRADUATE RESEARCHER

Aug 2017 - Dec 2018 | Ithaca, NY

- Worked with **Andrea Won** to research the effects of Virtual Reality on social behavior and immersive communication with VR devices
- Built an interactive Unity model of the earth/moon space system on the Physics Education team as learning tools.

PROJECTS

UniVRsity | LEAD DEVELOPER

Jan 2018 - May 2019 | Ithaca, NY

- Co-founded startup to create an immersive Virtual Reality classroom
- Built monolithic-first architecture for AWS multi-platform interface: VR, web-apps, and mobile apps
- Designed the AI assistant, graphics, and networking environment for VR classroom in Unity/C# for Oculus Go's

CHEME CAR PROJECT TEAM | ELECTRONICS SUBTEAM LEAD

Aug 2016 - May 2018 | Ithaca, NY

- Managed a sub-team of 5 members, directed assignments and project development, maintained team leadership as officer
- Collaborated alongside 30 other team members to improve circuitry and Arduino Uno motor controllers