

# Aditya Narayanaswamy

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## EDUCATION

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**Northeastern University**, Boston, MA

Khoury College of Computer and Information Sciences

Jan 2019 - Present

Candidate for a Master of Science in Computer Science

Expected Graduation: Dec 2020

, Teaching Assistant and Research Assistant

GPA: 3.95

Subjects: Algorithms, Reinforcement Learning, Computer Graphics

**Anna University**, India

Bachelor's Degree in Electronics and Communication Engg.

Aug 2011 - May 2015

## TECHNICAL KNOWLEDGE

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**Languages:** C, C++, C#, Embedded C, Java, Python, JavaScript, Angular, Node.js, Go.

**Software:** Visual Studio, Arduino, Eclipse, NetBeans, IntelliJ.

**Cloud Technologies:** Azure, Particle, Amazon Web Services, OpenShift

**Certifications:** Microsoft Certified Professional in HTML/CSS, C# and SQL Server.

## WORK EXPERIENCE

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**Red Hat Inc.**, Boston, MA

Co-op/Intern

Jan 2020 – Aug 2020

- Worked with the Openshift Installer team working with gathering metrics from the installer code to Prometheus to get a sense of how the user uses the installer and where they face problems.
- Worked with creating operators with Openshift on Kubernetes clusters and creating custom Docker images.
- Worked on customizing disk types in the Azure and GCP cloud platforms from the Openshift installer code base.

**Infosys iCETS Ltd.**, Bangalore, India

Senior Systems Engineer

Dec 2015 – Dec 2018

- Shaped the AWS Preston Digital twin project that was showcased in Las Vegas in November 28.
- Won XPOLogistics Hackathon in building an AR/VR solution for better customer experience.
- Constructed the data ingestion, monitoring and work order management system for a vast number of equipment using Azure that gave 100% visibility and increased performance by 70%.
- Proactively designed an automated system using Jenkins CI/CD pipelines that increased performance of peers by 75% and 66% reduction in time.

**Khoury College**, Boston, MA

- Teaching Assistant for Object-Oriented Design and Programming Design Paradigms.
- Research Assistant in LLPR labs working with robotics simulation and reinforcement learning.

## ACADEMIC PROJECTS

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- Designed, assembled a quadcopter and retro-fitted it with sensors that was able to sense pollution levels over a wide area from a height of 100 feet.
- Designed an AI Sudoku solver that takes in an image of the sudoku and solves it by recognizing the characters.

## INTERESTS

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Artificial Intelligence, Reinforcement Learning, VR/AR Programming, Graphics, Embedded systems, Full Stack development, Cloud Development, Application building.