

# TANMAY SARDESAI

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## EDUCATION

University of California, Los Angeles  
*M.S. in Computer Science*

Anticipated March 2020

University of Texas at Arlington  
*Honors B.S. in Computer Science and Mathematics*

May 2018  
GPA: 3.881

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## EXPERIENCE

Software Engineering Intern  
*Cloudera Inc, Palo Alto, CA*

Jun 2018 - Present

Teaching Assistant, CSE 2320 Algorithms and Data Structures  
*College of Engineering, University of Texas at Arlington*

Aug 2017 - May 2018

- Evaluated homeworks and midterms of 70 students and held office hours 3 times a week.

Youth Intern  
*Cloudera Inc, Palo Alto, CA*

Jun 2017 - Aug 2017

- Developed a system to automate daily triage by setting up a distributed email system to divide tasks among teams.
- Developed a utility to create executive email reports of all the Jenkins runs.
- Remodeled Jenkins jobs to optimize resources.

Teaching Assistant, CSE 2315 Discrete Structures  
*College of Engineering, University of Texas at Arlington*

Jan 2017 - May 2017

Math Clinic Tutor  
*Department of Mathematics, University of Texas at Arlington*

Aug 2016 - Dec 2016

- Taught an average number of 30 students every week in Pre-Calculus, Geometry, Calculus I, II & III, Differential Equations, Linear Algebra, Probability and Statistics.

Youth Intern  
*Cloudera Inc, Palo Alto, CA*

Jun 2016 - Aug 2016

- Programmed a new system to automate branching process for Hadoop Platform Testing team during releases and reduced the time spent from 5-10 hours of manual work to 15 minutes.
  - Converted manually created Jenkins jobs to groovy modules. This ensured critical infrastructure is safeguarded against manual errors.
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## PROJECTS

Deep Learning Industrial Environment Detection System

Aug 2017 - May 2018

- Developing a camera based detection system with a team of 5 to detect human workers, forklifts, conveyor belts, boxes and other objects using existing deep learning framework called Darknet and YOLO.

Android Game

Jan 2017 - May 2017

- Collaborated with a team of 4 to create a First Person Shooter Android Game using Android Studio.
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## TECHNICAL SKILLS

Programming Python, C, Java, Groovy, C++, HTML, CSS, JavaScript, SQL

Operating Systems Linux, macOS, Windows 7/8/10

Applications AWS, Jenkins, Git, Gerrit, JIRA, Trello, Maven, LaTeX, Tinkercad

Coursework Artificial Intelligence, Machine Learning, Operating Systems, Object Oriented Programming, Theoretical CS, Signal Processing