

CHINMAY PHULSE

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EDUCATION

Bachelor of Science in Computer Science, Statistics Minor

August 2016 – May 2020

Texas A&M University, University and Engineering Honors

- **GPA: 4.0**
- **Notable Classes:** Artificial Intelligence, Analysis of Algorithms (Graduate), Machine Learning, Networks & Distributed Programming (Graduate), Deep Learning (Graduate), Parallel Computing

PROFESSIONAL EXPERIENCE

Google LLC:

May 2019 – August 2019

Software Engineering Intern, Google Ads

C++, Python, MapReduce

- Engineered and analyzed features for a machine learning model to improve ad quality through filtering, **increasing accuracy by over 2%**
- Developed semantics-based features for ranking ad candidates
- Worked on a pipeline to extract and compute model features using a proprietary MapReduce library
- Implemented A/B tests to enhance workflows and optimized pipeline to **reduce running time by 2 hours**

Thyssenkrupp Elevators:

May 2018 – August 2018

Software Engineering Intern

C++, C#, Python, Bash

- Created a thread safe testing application to increase testing ease, efficiency; **reduced false failure rates to 0%**
- Developed a REST API-WebSocket hybrid communication interface, **reducing request latency by 90%**
- Built an automated graphical user interface to reduce production time spent while testing new features

Sketch Recognition Laboratory:

August 2018 – May 2019

Undergraduate Research Assistant, Undergraduate Thesis

Unity, C#, Python

- Developed a Virtual Reality-Eye Tracking based authentication application using Unity & the FOVE Eye Tracker
- Wrote an undergraduate thesis on the authentication algorithm used in the application

PROJECTS & LEADERSHIP

TAMU Datathon:

February 2019 - Present

Co-founder, Dev & Data Lead (tamudatathon.com)

Node.js, Python, AWS Serverless, MongoDB, ReactJS

- Co-founded the first data science hackathon at Texas A&M University, **with 2000+ applicants, sponsored by 7 Fortune 100 companies**
- Built a website, statistics dashboards and coordinated registration and application management systems
- Designed lectures and challenges to **teach over 150 students** the basics of data science and machine learning
- Developed a gamification framework that allowed easy creation and judging of projects and challenges

OpenEDU:

January 2017 - Present

Project Lead

Node.js, Python

- Built an online class scheduler that lets students view and select classes and create a graphical schedule

Engineering Peer Mentor and Leader:

Summer 2018 - Present

Engineering Community of Scholars

- Mentoring a group of 20 students to help them grow academically, professionally and personally
- Collaborated with a team of 3 to plan and execute large scale events every semester for over 300 students
- Organized an Engineering Honors Career Fair attended by **850+ students and 22 companies**

SKILLS & AWARDS

Highly skilled in: C++, Python

Proficient in: Javascript, C#, HTML, Node.js, ReactJS, jQuery, 2D Unity Development, Git

Texas A&M Data Science Competition Winner – Graduate Division

Spring 2019

- Won **first place among 35 teams** by creating a model to recommend new stations and more for LA Bike Share

Student Research Week Winner

Spring 2018