

ARJUN JALE

Computer Science Scholars Student at The University of Maryland, College Park

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EDUCATION

UNIVERSITY OF MARYLAND

August 2017 - May 2021

College Park MD

Computer Science/Data Science Major

Mathematics and Statistics Minor

University of MD Scholars Program

PROJECTS

All available on arjunjale.com

PERSONAL WEBSITE

Created a personal website from scratch using HTML, CSS and Javascript to showcase my projects. Regularly updated.

CENTRIFY WEB EXTENSION

Implemented new UI and UX changes and created new SAML templates for Centrify as part of an internship.

HAND DETECTOR

Built a website using Javascript that can detect if a hand is displayed on the webcam and will play a sound if so.

TWITTER TWEET GENERATOR

Used Java and Markov text generator to create a Shakespeare story tweet generator.

ATARI BREAKOUT

Built a replica of the classic Atari game using Processing with sounds and menu GUI.

SPACE DEFENDERS

Used Python to create my own imagining of the classic game with sounds and GUI.

VIDEO TO GIF CONVERTER

Made a simple converter that turns mp4 files into gifs using Python.

SKILLS

| | |
|-------------|--------------|
| Java | OCaml |
| HTML/CSS | SAML |
| Javascript | Rust |
| Photoshop | C |
| Ruby | Illustrator |
| Python | Salesforce |
| Mathematics | Google Cloud |

EXPERIENCE

DATA ANALYST @ RAYSE ACADEMY

January 2019 - Present, College Park MD

Used Python to create automation tool to upload student data into Google Cloud. Used Khan Academy's api to automatically input data. Worked with team of data analysts to improve student performance.

SOFTWARE ENGINEERING INTERN @ CENTRIFY

June 2018 - August 2018, Santa Clara CA

Worked with Apps-services team to create advanced UI and UX changes using extJS, HTML and make SAML app templates for company products. Worked with JSON templates, modified API's coded in C# and learned how to work in a team to meet strict deadlines. Learned how to use both Confluence and Jira.

INTERN AND RESEARCHER @ INTERN MENTOR

August 2016 - May 2017, Clarksville MD

Created a research paper, with an experiment under a mentor while interning under the Gifted and Talented Research Program. Learned basic cyber-security techniques and practices and presented my research at academic showcase.

MARKETING INTERN @ PINNACLE ADVISORY GROUP

June 2016 - August 2016, Columbia MD

Worked with marketing team to create a database of potential clients using Microsoft Access, Excel and Salesforce. Analyzed potential clients using criteria provided by employer.

CLASSES TAKEN

INTRODUCTION TO DATA SCIENCE

Data Management, Statistical Analysis, Information Visualization

INTRODUCTION TO COMPUTER SYSTEMS

C, Data Structures, Memory Management, Assembly

DISCRETE MATH AND ALGORITHMS

Induction, Logic, Set/Number Theory, Efficiency, Sorting

ORGANIZATION OF PROGRAMMING LANGUAGES

Ruby, OCaml, Rust, Web Security, Functional Programming

ACHIEVEMENTS / AWARDS

FINAL ROUND, ZERO ROBOTICS MIT CHALLENGE

River Hill Zero Robotics Team

1st in WEBSITE DESIGN & 1st in E-BUSINESS

FBLA Maryland State Conference