

ANKIT CHANDNANI

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EDUCATION

University of Maryland, College Park

August 2018 - December 2021

B.S. Computer Science, Minor: Business Analytics

GPA: 3.71

Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Systems Programming, Assembly Language, Discrete Structures, Linear Algebra, Statistical Data Analysis, Data Visualization

TECHNICAL SKILLS

Languages	Python, Ruby, C, R, Java, OCaml, Rust, Matlab, SQL
Frameworks	Scikit Learn, Numpy, Pandas, Tkinter, RESTful API's, Git
Cloud Technologies	AWS - EC2, ELB, Route53, AutoScaling, IAM, S3, RDS, Elastic Beanstalk, CICD
Certifications	AWS Certified Developer – Associate

EXPERIENCE

Unique Computer Systems

July 2019

Data Science Intern

Dubai, UAE

- Collaborated with the Data Science team to work on the 'SHARE' mobile app (www.sharerewards.com); a rewards programme that allows customers to earn points across different brands from malls in the UAE.
- Automated Invoice Validation to speed up campaign participation by training the Robotic Process Automation (RPA) system and created Machine Learning models which reduced load on customer service by 43%.
- Deployed an invoice date parsing system by using Google Vision API on uploaded images and generating regular expressions in **Python** to parse dates with an overall confidence score of 73%.

Undergraduate Research

June 2020 - Present

Lead Data Analyst

Maryland, USA

- Examined challenges children faced in the 2020 Coronavirus crisis by performing data analysis on a dataset of over 4000 responses from children in 42 countries regarding their knowledge and concern of the virus.
- Analyzed the correlation between knowledge of the Coronavirus and the concern for it amongst children through performing univariate, bivariate, and multivariate analyses on the dataset in **R** (paper in progress).
- Lead and coordinated the tasks assigned to a group of 3 students working on the same study.

University of Maryland - College Park

August 2020 - Present

Teaching Assistant

Maryland, USA

- Working as a Teaching Assistant for the course CMSC330 - Organization of Programming Languages at University of Maryland by holding office hours for undergraduate students and grading quizzes/exams.

PROJECTS

Airline Passenger Satisfaction, *Python*

July 2020

- Investigated the factors that are highly correlated to a satisfied and dissatisfied passenger through performing an exploratory data analysis on a dataset consisting of over 120,000 responses from airline passengers.
- Predicted passenger satisfaction through feature engineering traits and training 2 machine learning models (Random Forests, Kernel SVM). Observed an accuracy score of 95%+ on both models.

Unix Filesystem, *C*

October 2019

- Created a simulation of the Unix filesystem by imitating files/ directories and permitting navigation around the directory structure by changing the current location in the filesystem.
- Wrote 600+ lines of code to create and manipulate a dynamically allocated linked data structure in **C**.