

SAURAV KHARB

SUMMARY

Graduated University of Washington with a BS in Informatics (Data Science track) in June 2020. Looking for career opportunities in software and data science driven companies.

SKILLS

Languages : Python, R, SQL, JS, Go, Java

Frameworks and tools :

- ETL - AWS S3, Lambda, Redshift, Stitch
- Data Warehouse - Snowflake, PostgreSQL
- BI Tools - AWS Quicksight, Tibco Spotfire
- Python Sci-kit Learn, Flask, NodeJS, ReactJS

EDUCATION

Bachelor in Informatics (Data Science track) from **University of Washington, Seattle** (June 2020)

PROJECTS

PREDICTING DENGUE SPREAD

- Rank top 10% on DrivenData.org worldwide competition to predict dengue spread due to climate conditions
- Perform data wrangling, statistical modelling, feature selection and model training
- Published Report : <https://goo.gl/cqHAqx>
- Tools used : Python, Scikit-learn

PREDICTING CALIFORNIA WILDFIRES

- Use weather data to predict size of wildfires in California
- Implement classification models using Scikit-Learn
- Project Report : <https://goo.gl/DMgRwa>
- Tools Used : Python, Scikit-Learn

CHROME EXTENSION - TABGROUPS

- A chrome extension that lets users create and save workplaces with multiple urls to open at once later.
- Released on Google Chrome Web Store
- Tools used: Typescript, NodeJS, HTML, CSS

DELTA UPSILON FRATERNITY WEBSITE

- Created website to facilitate chat channels, create polls, view calendar and barcode scanner to check-in for events
- Tools used: ReactJS, Firebase, HTML/CSS

WORK EXPERIENCE

Data Scientist - Intern

TIBCO Software (July 2020 - Current)

- Work on Natural Language Generating scripts in R to support text widgets on Live COVID-19 dashboard at tibco.com/covid19
- Use javascript to visualize and interact with decision tree models from PMML format.

Data Analyst

StormX, Seattle (August 2019 - June 2020)

- Plan and implement classification based system to automate manual fraud detection.
- Reduced time spent on manual fraud detection by 95% from 15 hours/week to 30 minutes/week.
- Helped Product managers with ad-hoc data questions
- Skills Used : Python, Snowflake, AWS S3, Lambda, SQL

Data Engineering Intern

Ad Lightning, Seattle (June 2018 - June 2019)

- Implement K-means clustering using textual features from websites
- Helped with data analysis - developed metrics and interactive dashboards using Amazon AWS
- Skills Used : Python, PostgreSQL, AWS

Visiting Researcher

INSEAD Business School, Paris, France (June 2019)

- Improved performance of a model to observe the effect of brand visibility on conspicuous consumption by 15%
- Automated large-scale data scraping using rotating proxies from Google Trends
- Collaborated with Professor Borah in the Marketing Department

Co-Founder

Imposter Blocker, Seattle (2017 - Current)

- Security tool to provide alert reports by detecting ongoing phishing campaigns using computer vision
- Exhibited at Forbes Under 30 Summit 2018
- Won two final awards @ Global Demo Day, SF - Angelhack Accelerator program

Teaching Assistant

INFO 201 - Data Programming in R (2018 - 2019)

- Led lab sections, prepare lesson plans, grade assignments, provide guidance to prospective students
- Assisted teaching data scraping, wrangling, visualizations and version control

LET'S WORK TOGETHER!

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