

SAURAV KHARB

SUMMARY

Senior in Informatics at University of Washington, Seattle
interested in Software Dev, Data Science and
Entrepreneurship

SKILLS

Data Structures	Data Modelling	Statistics	Machine Learning	Web Development
<ul style="list-style-type: none">• Python• R• SQL• Java	<ul style="list-style-type: none">• GIT• AWS• Linux• Sci-kit learn		<ul style="list-style-type: none">• HTML/CSS• Javascript• ReactJS• Bootstrap	

PROJECTS

PREDICTING DENGUE SPREAD (MAY 2019)

- 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 (JANUARY 2019)

- 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

TABGROUPS - CHROME EXTENSION (MAY 2018)

- 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 (DECEMBER 2017)

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

WORK EXPERIENCE

Data Science Intern

Ad Lightning, Seattle (June 2018 - Current)

- Work on clustering Ads into industry categories to support DPP product
- Implement K-means clustering using textual features from websites
- Helped with data analysis - developed metrics and interactive dashboards using Amazon AWS
- Lead Data Science initiatives in a cross-functional agile startup
- Skills Used : Python, PostgreSQL, AWS

Visiting Researcher - Data Analytics

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 Startup 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)

INFO 200 - Intellectual Foundations in Informatics (2017 - 2018)

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

Web Development Intern

Newbook Digital Texts (2017)

- Part of the Website Team for The Baki Project under Prof. Walter Andrews.
- Built a Multilingual Web Platform for sharing research work

EDUCATION

University of Washington, Seattle (2016 - 2020)

Bachelor's Degree in Informatics (Data Science Track)
Minor : Entrepreneurship

LET'S WORK TOGETHER!

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