

AVANTI CHANDE

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EDUCATION

Master of Science in Information Management
University of Washington ischool

June, 2018
Intended Specialization – Data Science

Bachelor of Engineering in Electronics and Telecommunication
University of Mumbai

July, 2013
GPA-3.5/4

RELEVANT COURSEWORK: Introduction to Data Science Theories, Analytic methods For Information Professionals, Algorithmic Thinking.

SOFT SKILLS

Communication, leadership, teamwork & collaboration, adaptability, critical observation, constant learner

TECHNICAL SKILLS

- **Languages:** Python, R, Bash, Perl, PHP and SQL
- **Web Technologies:** HTML, CSS, JavaScript, WordPress
- **Tools:** IBM Clear Case, IBM Clear Quest, Moose, Jenkins, Git, HP Load Runner, QTP (Quick Professional Test), HP Quality Center
- **Data Science Packages:** **Python** -- Pandas, Numpy, Scipy, Scikit-Learn, Seaborn, Matplotlib;
R -- DataTable, DataFrame, DevTools, Dplyr, Lubridate, Stringr, Shiny, Shiny Dashboard
- **Courses and Certifications:** Introduction to Data Science using Pandas(Udemy), Advanced Bash Scripting (Accenture), DevOps technologies (Accenture), ISLR(Introduction to Statistical Learning using R).

EXPERIENCE

Principal Data Analyst Intern at Ascentius Insights

(Aug 2016)

- Employed R programming techniques to extract and clean the payroll data for all client employees from the database, further analyzing and visualizing it to help the client devise cost-effective strategies.
- Implemented agile movement in a start-up environment to help our team respond to empirical feedback from our client.

Software Engineering Analyst at Accenture Services Pvt. Ltd.

(Nov 2013 – July 2016)

- Identified and analyzed non-functional requirements for operability, security and performance test cases.
- Built Shell (Bash) scripts to assess performance test parameters like min, max and mean response times of our application in real-time, reducing the manual analyzing time by almost **90%**.
- Promoted to work as a part of the DevOps team, involved in change and release management of five projects under our client.
- Improved upon continuous delivery mechanisms by using scripting automations and deployed the code into development and test environments. The automations resulted in reduction of manual efforts by **50%**.
- Travelled for a client facing role to the United Kingdom. The assignment included interaction with clients, working on production environment, building deployment guides and shadowing our clients in code deployment activities.
- Successfully implemented a web dashboard using HTML CSS, PERL and MySQL for a one-stop presentation of all the on-going activities in the project to ensure that key stakeholders are kept informed about progress and expected outcomes.

Web Development Intern at Inventif Web

(Aug 2013- Nov 2013)

- Created interactive forms for customers on a web-based invoice generation system using HTML, PHP, JavaScript and SQL to generate an invoice in PDF format based on the customers' product selection.

ACADEMIC PROJECTS

Yoochoose Clickstream Data Analysis

In-progress

- Using logistic Regression model and R programming techniques to analyse a sequence of click events performed by users during a typical session in an e-commerce website to predict whether the user is going to buy from the website, if yes, what items.

Titanic, Stock market, election data analysis

(July 2016 – Aug 2016)

- Project involved data extraction, analysis and visualization of interesting correlations among the features of the datasets using python; Used linear regression techniques to predict future data.

Natural Language Processing

(May 2016 – June 2016)

- Combined machine learning techniques with text, and used math and statistics to get that text in a format that the machine learning algorithms could understand.

Strategic Management of a new Business

(July 2012 – Dec 2012)

- Presented a business strategy for opening and promoting a new magazine business. We used the 4 P's of marketing, Product, price, place and promotion while devising this strategy.

EXTRA CURRICULAR ACTIVITIES

- Volunteered to organize a telephonic survey for high school students to analyze the need of 'right guidance' to choose a career.