Karim Benyassine

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Education

University of California, Santa Barbara — Santa Barbara, CA

Bachelor of Science in Statistics and Data Science — *Oct. 2020 – **June 2024***

- Cumulative GPA: 3.94
- Relevant Coursework: Principles of Data Science with R, Vector Calculus, Linear Algebra, Probability and Statistics, Intro to Computer Science

Experience

Software Engineering Intern — June 2020 – December 2020

Palace Luxury Properties — *Irvine, CA*

- Implemented a client and reservation search internal tool using React where property managers can filter and search client information and reservations of properties that they own.
- Continuously opened communication between property managers and customers through search internal tool.
- Configured an Amazon S3 bucket in AWS that stored high quality images of properties which were then displayed for customers on the consumer website.

IT Ecommerce Support Intern — June 2021 – August 2021

Windsor — *Santa Fe Springs, CA*

- Implemented an efficient process flow that identifies and monitors how tickets are created, routed, and escalated to ensure 24/7 coverage for eComm operations.
- Developed a form using Apps Script and Google Forms that creates tickets and alerts IT resources of critical issues through Jira Opsgenie.
- Documented suitable responses and actions for common support tickets and project plans in Jira Confluence for current and future Windsor employees.
- Handled and assigned tickets day-to-day within agreed SLA.

Projects

Final Grade Predictor App | *github.com/KarimBenyassine1/Grade-Predictor-App*

- Trained a k-nearest neighbor model, a random forest, and a support vector machine on 700 students to classify the letter grade of a student.
- Wrangled and visualized data from a UCI repository in Jupyter Notebooks using seaborn and pandas for feature selection, improving accuracy scores by more than 50 percent.
- Constructed a multi-step form using React and a Flask API to return the predicted grade using a random forest with the user's inputs.

Amazon Price Detector App | *github.com/KarimBenyassine1/AmazonChecker*

- Designed a React form where users input their email and a link to an amazon product to send the user an email when the price of the product drops.
- Developed a cloud database with MongoDB and RESTful API using Node.js to hold user data and send data to a puppeteer web scraper.

Organizations/Leadership

Software Engineering Volunteer — June 2019 – March 2020

HackerCrunch — *Irvine, CA*

- Tutored freshman and sophomore high school students basic web development skills including HTML, CSS, React, and Node.js.

Technical Skills

Languages: JavaScript, Python, HTML, CSS, Java
Frameworks: React, Node.js, Express.js, MongoDB
Developer Tools: Git, Visual Studio, Eclipse