

Orhan Yavuz

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SUMMARY

Data Scientist with strong knowledge and professional experience in software engineering. Most of my experience is in Python, Tensorflow, Nodejs, React, and React Native. I would like to specialize in using my knowledge of data science and artificial intelligence in order to better my experience of systems intended for end-users (primarily on mobile and web platforms).

Languages: Python, R, SQL, Javascript, C#

Technologies: AWS, Django, Unity, React, React Native

EDUCATION

- **University of California: Los Angeles** Los Angeles, CA
Bachelor of Science in Statistics Sep. 2016 - Mar. 2021

EXPERIENCE

- **MedAssent** Los Angeles, CA
Software Engineer Mar 2020 - Sep 2020
 - **API Integration:** Epic Integration using python to make a dashboard for patients using their medical history.
 - **Cloud Automation:** Automated the task of translating medication instructions to 12 different languages.
 - **Cutting Cloud Costs:** Reduced the usage cost of generating audio content by 45% per medication by modifying the translation workflow.
- **Crowne Plaza** Istanbul, Turkey
Data Scientist (python developer) Mar 2019 - Nov 2019
 - **Occupancy Impact:** Increased the occupancy of units by 8% the first month, and 14% the second month by competitively pricing units based on scraped data from Airbnb and Expedia using python.
 - **Platform Integration:** Built a web platform that integrates with Smoobu, Airbnb, Booking.com, and Expedia, allowing the owner to see a common calendar that pulls data from all sources.
- **Yapikredi Technology** Istanbul, Turkey
Mobile Developer - Intern May 2018 - Aug 2018
 - **Mobile Developer:** Worked on Android and iOS applications for a major bank in Turkey.
 - **Security Feature:** Implemented an iOS feature that signs a user out after a certain amount of time has passed since the app has been closed.
- **Hisar Coding Summit** Istanbul, Turkey
Coding Instructor Annual, 2015-2016
 - **Teaching:** Taught coding to students from the outer parts of the city in an event organized by my high school club. Gave C# programming lessons as well as an introduction to Linux class with the Raspberry Pi.

PROJECTS (CLICK)

- **Toxic Course Combinations:** A research project that determines what pairs of UCLA classes result in a toxic outcome for the student when taking them together as opposed to taking them separately.
- **Airbnb Sentiment Analysis:** A UCLA research project that focuses on finding the most important variables that result in a positive experience for the user.
- **Code Buddy:** A Chrome extension that helps with following coding tutorials on YouTube using image recognition.
- **Bobo's Trip:** A fast paced side scroller survival game created in Unity and C#. Uses statistical distributions to create random events in the game. Uses Monte Carlo methods to model the difficulty of the level, which is adjustable.
- **Full Stack E-commerce Web App:** A functional e-commerce project written in Django and React with Next js. Has the ability to update products and re-generate using Admin interface.
- **Machine Learning From Scratch:** Step-by-step simple implementations of various machine learning algorithms.

COURSEWORK

Computation and Optimization for Statistics, Linear Models, Statistical Models and Data Mining, Data Analysis and Regression, Monte Carlo Methods, Data Structures and Algorithms, Software Construction Lab, Computer Organization, Introduction to Programming for the Web.