

**AMBROSE HORVÁTH**

Associate Data Scientist

**CAREER OBJECTIVE**   
Conscientious and innovative data science Summa Cum Laude graduate with extensive skills and outstanding aptitude for learning. Seeking a challenging and career-building position at Northrop Grumman as an associate data scientist.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ambro\_@email.com (123) 456-7890**  **Santa Barbara, CA**  **[LinkedIn](https://linkedin.com/)**  **[facebook](https://facebook.com/)**  **[twitter](https://twitter.com/)**  **EDUCATION** B.S.  Computer Science  **Pepperdine University** 2017 - 2021  Santa Barbara, CA | **WORK EXPERIENCE**  Data Scientist Intern  **County of Ventura** | | | |
|  | 2020 - current |  | Ventura, CA |
|  | Designed and implemented over 40 machine-learning | | |
| models for different programs and projects | | | |
|  | Verified results of algorithms to predict future occurrences | | |
| using real-world programs data with 82% precision | | | |
|  | Extracted raw data from Twitter APIs and analyzed tweets to | | |
| generate analysis showing trends in public opinion regarding policy changes | | | |
|  | Developed a Java application that performed pattern | | |
| analysis of criminal incidents to help identify and visualize hotspots (vulnerable areas) in the city | | | |

GPA: 4.0

**SKILLS**   
Machine and Deep Learning Statistical Analysis   
Processing Large Data Sets Data Visualization   
Mathematics   
Programming   
Data Wrangling

**PROJECTS**

Image Caption Generator Project in Python

**Pepperdine - Senior Project**

Aug 2021 - Dec 2021

Designed and created an 2 applications to analyze images and convert to natural language (English) descriptions

Utilized deep learning techniques to implement a   
convolutional neural network (CNN) with recurrent neural network (LSTM) to build the image caption generator

|  |  |  |
| --- | --- | --- |
| **CERTIFICATIONS** Open Certified Data  Scientist (Open CDS) Google Data Machine Learning |  | Created application in Python using a Keras framework |
| against a Flickr 8K dataset  Credit Card Fraud Detection Project **Pepperdine - Junior Project** | |
|  | Aug 2020 - Jun 2021 |
|  | Created 2 apps that classified credit card transactions into |
| fraudulent and genuine, fit the models, and plotted performance curves | |
|  | Used R with algorithms such as Decision Trees, Logistic |
| Regression, Artificial Neural Networks, and Gradient Boosting Classifier | |
|  | Created application in R against 6 credit card transaction |
| databases | |