

ANDRES E. VOURAKIS

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<http://github.com/avourakis>

Computer Scientist with 2+ years of experience in Data & Analytics and Machine Learning. Passionate about using technology to solve everyday problems and working in a collaborative environment that values creative thinking

Data & Analytics | Machine Learning | Leadership

WORK EXPERIENCE

Data Analyst, Gear Coop, Costa Mesa, CA (Mar. 2018-present)

Assist with development of sales forecasting tool. Use Pandas to process and transform large e-commerce data sets. Create dashboards to visualize and interpret the results. Use Python to automate daily tasks which include downloading daily reports via the Amazon API.

Machine Learning Engineer, HyperSight, Inc, Irvine, CA (Dec. 2017-Mar. 2018)

Responsible for leading all Artificial Intelligence and Data & Analytics efforts. Worked on developing an Image Recognition application and using Machine Learning to extract insights from conversations.

CEO and Co-Founder, STEMbility, Orange County, CA (2015-2017)

Established and managed undergraduate technology incubator. Mentored students during the development of their open-source projects. Created Web series to capture progress & innovations. <http://stembility.org>

TECHNICAL PROJECTS

Blind SQL Injection Test: In-depth analysis of different methods to identify whether a URL is "vulnerable" or "safe" to a blind SQL injection. Details: <https://github.com/avourakis/Time-Based-Test-Blind-SQL-Injection>

AI for Everyone!: Initiative to introduce more people to concepts in Artificial Intelligence such as Machine Learning and Artificial Neural Networks, through lectures and workshops. Details: <http://andresvourakis.com/ai-for-everyone>

Image Synthesis: Image Synthesis in Minecraft world using a TensorFlow implementation of Deep Convolutional Generative Adversarial Networks. Details: <https://fourbolt.github.io/CreativiTree>

SKILLS & OTHERS

Languages: Proficiency in Python and SQL; Familiar with C++ and HTML | **Tools:** TensorFlow, Pandas, Scikit Learn, Matlab, Linux, Adobe Photoshop CC | **Other:** Fluent in English and Spanish

EDUCATION

University of California, Irvine, CA (2014-2017)

B.S., Computer Science, specialization in Intelligent Systems

- Lead Mentor, Artificial Intelligence at UCI student organization.
- Coursework in Artificial Intelligence, Statistics & Probability, Machine Learning & Data Mining, and Data Structures.