ANDRES E. VOURAKIS

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Award-winning Computer Science and Engineering scholar, contributor and volunteer. Passionate about solving real-world problems, mentoring & inspiring others, and *learning by doing*.

Machine Learning | Intelligent Applications & Devices | Education

EDUCATION

University of California, Irvine (expected graduation Fall 2017)
B.S., Computer Science, specialization in Intelligent Systems

- Lead Mentor, Artificial Intelligence at UCI student organization. Mentor undergraduate students to implement Neural Networks using TensorFlow. Part of *AI for Everyone!* initiative.
- Coursework in artificial intelligence, machine learning & data mining, and data structures.
- Senior project hallucinated real-world objects in Minecraft world. *Details below.*

Orange Coast College (OCC), Costa Mesa, CA (2011-2014)
Computer Science, GPA: 3.39

- 1 of 2 OCC students selected for Jet Propulsion Laboratory Undergraduate Scholars Program, 2014
- Recipient, 2013 Robert B. Moore Exceptional Student Leader award for service as a leader/volunteer.
- Lead programmer, Orange Coast College Robotics Team, 2012 VEX World Championship. Team robot placed #1 in state and 30th worldwide. *Details below.*
- President and co-founder, Orange Coast College STEM Club, 2012-2013. Managed 6+ officers per semester, educated groups of 25+ science and engineering students via events and hands-on projects.

WORK EXPERIENCE

CEO and Co-Founder, STEMbility, Orange County, CA (2015-present)
Establish and manage undergraduate technology incubator. Mentor students on open-source projects. Develop Web series to capture progress & innovations. More: http://stembility.org

Management Intern, STEM Mentor, Mathobotix, Irvine, CA (2014-2015)
Developed and taught STEM-based curriculum for Raspberry Pi (using Python) & Arduino (using C/C++ and sensors) for K-12 coding/STEM school.

TECHNICAL PROJECTS

AI for Everyone!: Initiative to introduce students to concepts in Artificial Intelligence such as Machine Learning, NLP, Artificial Neural Networks, etc.. through lectures and hands-on projects.

Comments Topics: Filter Youtube comments by topics using Doc2Vec in Gensim (*In progress).*

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

SKILLS & TOOLS

Languages: Proficiency in C++ and Python ; ANSI C , C# .NET | **Tools:** TensorFlow, Scikit Learn, Gensim, Matlab, VIM, Linux, Adobe CS Suite