

ARISTOTLE MANOLAKOS

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EXPERIENCE

Free Press Houston

DIRECTOR OF TECHNOLOGY & PRODUCER

Houston, Texas

May 2014 – PRESENT

- Responsible for establishing the company's technical vision, developing product roadmaps, and leading all aspects of the company's technology development.
- Developed and coordinated administrative functions including capital and expense budgets, hardware acquisitions, and vendor negotiations.
- Monitored information technology performance and recommend continual improvements. Proposed new and emerging technologies to support the necessary changes required to reach the company's business goals, needs, and objectives.
- Responsible for the coordination of festival logistics & operations for Free Press Sumer Festival and Day For Night, annual two-day music festivals.

Immersioncy

DIRECTOR

Houston, Texas

Dec. 2014 – PRESENT

- Internal and external manager of boutique firm which specializes in event-based marketing, activation, and public relations.
- Coordinated client-based projects with regards to concept development, production, and promotion with emphasis on media relations.
- Past clients include: Absolut, Deep Eddy Vodka, IKEA, FPSF, Day For Night, Mexico Tourism Board, VivaAerobus

PROJECTS

Distributed Computing

ONGOING

DISTRIBUTED SYSTEMS, MACHINE LEARNING

- Automated resource distribution across nodes within a network for maximum computational. Users with multiple computers have ability to access shared CPU, GPU, and RAM of each node for the creation of a Beowulf Cluster/"supercomputer".
- Viable applications: compiling, big data analysis, intensive rendering and large graphics projects, and smooth video gameplay.

Autonomous Quadcopter UAV Mapping

ONGOING

MOSAICS, GEOGRAPHIC INFORMATION SYSTEMS

- Built an autonomous drone capable of mapping areas defined by a user.
- Post-flight software implemented GeoJson, GeoTIFF, and GDAL for mosaic creation upon flight data import.
- Future software features include: topographic modelling with DSMs/DTMs and detailed 3D models and point clouds.

EDUCATION

Houston Community College

Houston, Texas

ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE – 3.88 GPA Jan. 2015 – PRESENT

TECHNICAL SKILLS

Programming	Ruby, Python, Java, PHP, HTML/CSS, JavaScript, MQL4, Matlab, LaTeX
Technologies	Rails, Django, Nginx, Bootstrap, AngularJS, WordPress, SocketIO
Tools	CLI, Git, Adobe Creative Suite, Microsoft Office
Platforms	Amazon Web Services, Heroku, MongoDB, MySQL