

ALEXIS MATTOS-VABRE

Software Developer & Data Scientist

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I've always been a builder and analyst of systems, abstract or concrete. I currently am advancing my education in the direction of machine learning and artificial intelligence. With a solid basis in web programming and software architecture, I'm also a highly motivated, curious, innovative and results-oriented individual seeking a full-time position in a company where hybrid career types are valued.

WORK EXPERIENCE

ARTICULATE RESEARCH

Data Science & Data Visualization Consultant | Feb 2016 - Current

- Used Caffe, Theano (Keras), Lasagne, scikit-learn, TensorFlow and custom algorithms to complete projects.
- Used libraries/tools such as D3 and Processing to create data visualizations
- Research in current social problems using public data (Basic Income & Poverty in the San Francisco Bay Area, Time-Banking)
- Policy development through data analysis and predictive analytics

KINKBNB

Data Product Architect & Software Engineer | Jan 2016 - Current

- Created new rental reservation system in Django/Python with a fully integrated CMS, analytics and data visualization.
- Implemented the use of Docker and MicroServices.
- Managed and created sprints in SCRUM methodology.
- Created migration plan for legacy PHP system to new Django stack.

FIGURE8LABS

Creative Technology Consulting | Jun 2008 - Current

Web, marketing, and communications consulting as well as development, design, and UX design.

- Clients include: Chanel, LVMH, Au Feminin, Le Manoir de Paris, Barbara Bui, FITC, Circus Automatic, Sensoree

CIRCUS AUTOMATIC

Technical Director | Jun 2014 - Aug 2016

- Networked wall of 45 LCD screens using Raspberry Pis and software in python
- Managed and developed code base for robotics development

MEDIAPILOTE PARIS

Technical Director | Mar 2010 - Mar 2011

- Advise and develop technical strategies for web and HCI projects
- Develop custom modules for the branded CMS using php, ajax, and css.
- Integrate creative and technical concepts, and advise on technical feasibility and cost.

LOGIKART

Full-stack web developer | Dec 2007 - Jun 2008

- Created Modules in PHP and AJAX primarily to extend OScommerce.
- Maintained the webstore and servers for LOLLIPOPS, a webshop with an international presence (with over 100 physical boutiques worldwide)

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

BFA Fine Arts | Sep 2000 - May 2005

GENERAL ASSEMBLY

Certificate Data Science | Feb 2016 - May 2016

UDACITY

Nanodegree Machine Learning | Jul 2016 - Current

I'm currently pursuing a certificate program in Machine Learning and participating in the Beta version of the Self-driving car programming nanodegree

SKILLS

predictive analytics		statistical analysis		python	algorithm development		php	data visualisation	
splunk	ux design	scikit-learn	keras	caffe	data visualization		data analytics		