



## MIKE CHIRICO

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## OBJECTIVE

Full Stack Development, Data Analysis and Machine Learning (*Rapid Prototyping*).

## TERMS

Contracting: Near Philadelphia or Remote.

## TECHNOLOGIES

Python, NumPy, Pandas, Flask, uWSGI, TensorFlow, R, MySQL, Oracle, Go, iOS (Swift), Linux, RabbitMQ, Nginx, App Engine, AngularJS, Docker, Firebase, Photoshop, InDesign.

Google, AWS, DigitalOcean

## EDUCATION

**M.S. in Computer Science/Mathematics** – Villanova University

**B.A. in Computer Science/Mathematics** – Rutgers University

## EXPERIENCE

### **MACHINE LEARNING -- FULL STACK • CWXSTAT • 2015 - 2017**

Restful API: Building systems to collect and analyze real time data, displaying on Google Maps, iPhone/iPad, Web, and Facebook Messaging Apps.

### **DATA ANALYTICS -- DEVOPS • FAA (CSC) • 2009 - 2015**

TFMS Project: Built performance modeling systems (Python, Pandas, NumPy, R, Oracle, Google Big Query, iOS, Golang). Built deployment and problem detection system.

### **LINUX ADMINISTRATOR • DATA ANALYSIS • VWR 2007 - 2009**

Developed/designed custom pricing tools for price prediction, market analysis, and sales rep. performance.

### **LINUX/DEVOPS • FIBERLINK • 2006 - 2007**

Automating VMware applications in a clustered environment. Oracle DBA and Linux.

### **DEVOPS: POSTFIX EMAIL • THOMAS JEFFERSON UNIVERSITY • 2005 - 2006**

Managing Postfix/Cyrus email system for 18,000 accounts. Created custom intelligent filters/programs for email processing and analysis.

### **LINUX/DEVOPS • SILVERSTORM TECH • NOW INTEL • 2004 - 2005**

Fast paced startup. Managing complex system and supporting software development.

### **LINUX/DEVOPS • UNIVERSITY OF PENNSYLVANIA • 1999 - 2004**

Constructed on-line video learning system (the first of its kind) – Also served as IT Director.

### **IT DIRECTOR/SOFTWARE DEVELOPER • AON • 1987 - 1999**

Building Executive Compensation Products – Data Analysis.



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Kernels Expert

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