



## MIKE CHIRICO

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## OBJECTIVE

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

## TERMS

Contracting: Near Philadelphia or Remote Work.

## TECHNOLOGIES

Python, NumPy, Pandas, Flask, uWSGI, TensorFlow, R, MySQL, Oracle, Go, iOS (Swift), Linux, RabbitMQ, Nginx, App Engine, AngularJS, Docker, 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 • 1987-1988*

Building Executive Compensation Products – Data Analysis.



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Kernels Expert

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