



## 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, Web, Messaging Apps.

**DATA ANALYTICS -- DevOps • FAA (CSC) • 2009 - 2015**  
Supporting and developing the TFMS Project. Built performance modeling systems (Python, Pandas, NumPy, R, Oracle, Google Big Query, iOS, Golang).

**LINUX Administrator, Data Analysis • VWR 2007 - 2009**  
Developed 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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