

James Quacinella

210 Montrose Ave, Apt 3L, Brooklyn, NY 11206
347.782.1678 ■ james.quacinella@gmail.com

Education

SPS @ CITY UNIVERSITY OF NEW YORK

New York, New York

- Attended: 09/2013 - 01/2016
- MS Degree in Data Analytics

POLYTECHNIC UNIVERSITY

Brooklyn, New York

- Attended: 09/2003 - 06/2005
- BS Degree in Computer Engineering
- GPA: 3.85 (Summa Cum Laude)

BROOKLYN COLLEGE

Brooklyn, New York

- Attended: 09/2001 - 06/2003
- Participated in Coordinated Engineering Program with Polytechnic University above

Skills

Development

Python and Flask, C/C++, PHP, Perl, JavaScript, jQuery, AngularJS, SQL, MySQL, HTML, Git

Operations

Linux, Docker, HAProxy, LVS, Apache, Lighttpd, Nginx, Varnish, Zabbix, Puppet, Ansible, AWS, DigitalOcean

Data Analytics / Machine Learning

Octave, R, Python and Pandas, scikit-learn, Hadoop + Mahout, NoSQL databases like MongoDB, Cassandra and Neo4j

Experience

CTO / Co-Founder @ Credacious New York, NY (Sept 2012 - Now)

- Main engineer for both backend and frontend development of Credacious' platform.
- Lead technical decisions regarding architecture and implementation
- Technologies used include Python, Flask, AngularJS, Jenkins and Docker
- Implemented and monitored whole stack using cloud technologies

Teaching Adjunct @ SUNY Downstate Medical Center New York, NY (Sept 2016 - Now)

- Prepared and implemented all coursework for the school's introductory course on Python programming. This course was for their Medical Informatics Masters program
- Provided weekly lectures, graded assignments and held weekly office hours for students to get help with their Python programming assignments

Non-Teaching Adjunct @ School of Professional Studies, CUNY New York, NY (Sept 2014 - Now)

- Prepared and implemented all coursework for the school's second semester Python programming class
- Graded assignments and provided weekly office hours for students to get help with their Python programming assignments

Inform Technologies / News Distribution Network New York, NY (Dec 2010 - March 2014)

- Was hired by Inform Technologies as both a systems administrator and researcher / developer for their new Semantic Web based platform
- Helped guide the company in its transition from physical to Amazon cloud servers
- Implemented better monitoring, backups and AWS best practices
- Helped the R&D team use Hadoop and Mahout to perform large scale machine learning algorithms
- Inform was acquired by News Distribution Network late 2011; kept my original duties, as well as helping NDN integrate our platform with their Video network
- Developed and maintained software written in Python that monitored various news feeds for links to client websites
- Automated a 24 hour manual process into a 30 min Python program, to allow for more frequent updates to our taxonomy

NYI The New York Internet Company New York, NY (Sept. 2005 - Nov 2010)

- Worked as a full time senior systems administrator at a colocation facility
- Python, Bash and Perl scripting to automate various activities and monitor systems

- Installed, configured and upgraded FreeBSD and Linux machines
- Configured Apache, HAProxy, Zabbix and other components for client web architectures
- Installed and configured Puppet for automated administration for some internal and managed dedicated servers
- Researched, evaluated and introduced Zabbix for use in monitoring internal servers as well as client machines