

Robin Varghese

Elmira NY-14905
(607) 768 5050
robin.codein@gmail.com

- [website](#)
- [github](#)
- [linkedin](#)

What ever the problem i like to part of the solution. I thrive in a environment of uncertainty & constant learning.
I enjoy, empowering others in my [knowledge space](#), working with data and software to surface information.

EXPERIENCE

Manager – Business Analytics	Arnot Health	(Jan 18 - Present)
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Business Analytics (SQL, Tableau, python, scikit-learn, django, coffeescript, d3.js etc.)

- Lead the Business Analytics team through projects and providing full engagement of team management.
- Provide coaching and direction to analytics team in regard to best practices/approaches for software development, statistics and machine learning techniques.
- Surface information from across our health care system and to support [data-driven decision](#) making at all levels of Arnot Health system.
- Communicates findings from exploratory and predictive data analysis broadly to Arnot Health leadership.
- Perform market research and present quantitative analyses of health-care claim databases. [More...](#)

Sr. Analyst – Business Analytics	Arnot Health	(Apr 15 – Jan 18)
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2017 (python, coffeescript, angular, d3.js, django, redis)

- Lead development of our next generation analytics platform to analyze and visualize disparate data sources.

2016 (SQL, Tableau, python, scikit-learn, django)

- Developed readmission prediction models using scikit-learn to advance our [Population Health Initiatives](#).
- Developed near real-time actionable notifications for our care-coordination team.
- Created several dashboards to surface key information for decision makers at all levels of the organization.

2015 (SQL, Tableau, SSIS)

- Lead the business analytics team in developing an in-house EDW and [predictive analytics solutions](#).
- Mentor the team to incorporate best practices for software development (version control, automation etc.)
- Architect data pipelines and underlying process to integrated data from all business units into EDW. [more...](#)

Software Consultant	Thirstie	(Aug 13 – Present)
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R&D for inventory management, business intelligence and software development in general

Software Engineer - Cloud Computing R&D	NaviSite - A Time Warner Cable Co.	(Aug 11 – Apr 15)
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2014 (coffeescript, python, nodeJS, Selenium, RabbitMQ, Mongo DB, vmware vCloud Director etc.)

- Worked in our flagship(IAAS) [product](#) development scrum team.
- R&D on several core components caching layer, search capabilities, continuous integration etc.

2013 Distributed system development(clojure, python, mongoDB, HAProxy, aleph, netty, RabbitMQ)

- R&D of a near realtime, scalable & fault tolerant architecture to process syslog event stream.

2011-12 Cloud Services Platform IaaS (Linux Apache MySQL Python, git, javascript, Java, vmware vSphere etc.)

- R&D on new services (ex. virtualization, 2 factor auth, automated customer provisioning etc.) [more...](#)

Research Assistant - Binghamton, NY	United Health Services(UHS)	(May 10 – Aug 11)
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- Worked with a clinical team to understand various facets of readmissions, further developed a classification model UHS was awarded "[Siemens 2011 Inspired Healthcare Outcomes Challenge](#)" for this work [more...](#)

Expert Mining - Master project	Research Binghamton University	(May 09 - May 11)
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- R&D work on a [web page classification model](#) with Weka, openNLP, openCV and Lucene [more...](#)

EDUCATION

Big Data in Healthcare Applications	Harvard University	Fall 2016
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Master of Science , Computer Science	Binghamton University GPA: 3.7	(Aug 08 - May 11)
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