ChrisJohnson

1486 W. 3300 S., WVC, Utah 843119   |   [7cdjohnson7@gmail.com](mailto:email@domain.com)   |  (801) 898-0236 | [rehpotsirhc.github.io](https://rehpotsirhc.github.io/)

**SUMMARY**. ....

Back-end web, application, and Restful API developer with 8 years of experience across the full stack, primarily using **C#**, **.NET**, **MSSQL**, and **Javascript**. More recent experience includes **Angular**, **AWS, MySql, .Net Core, and microservice-**oriented architecture. Optimization and computational biology researcher with 2 years experience **model fitting** using **machine learning** techniques, including search algorithms, neural networks, regression, clustering and feature extraction programmed in **Matlab**, **Python** and **Java**. Creative, analytical thinker with excellent logical reasoning ability and superb written communication skills. I am a curious, life-long learner committed to exceptionalism in everything I do.

**PROFESSIONAL EXPERIENCE**

**Dealertrack (Cox Automotive)**   Sandy, Utah          August 2016 - Present

*Software Engineer*

* Integral team member of a large, multi-team initiative to modernize a large SaaS application from RPG/DB2 to **microservices** written in C#/**.Net Core** and hosted in **AWS**
* Stepped-up as team-lead part way through project after company reorganization
* Practiced **Scaled Agile Methodology** and used automated build/deployments to facilitate **continuous delivery**

**Utah State University**   Logan , Utah          January 2015 - August 2016

*Machine Learning and Computational Biology Researcher and Lab Manager*

* Built **optimization software** and successfully applied it to fitting two biological models.
* Collaborated closely with the Institute of Systems Biology on modelling research.
* Increased speed of biological simulation software (Java) over 10 fold.

**Orchid Event Solutions (Visit Salt Lake)**   Salt Lake City , Utah          December 2013 - August 2014

*Software Engineer*

* Reduced website creation time over 25% by automating development, build and deployment processes.
* Led a successful devops migration to newer technologies including TFS and Release Management.
* Practiced Agile Methodology on a small, cross-functional team

**Carnections, Inc.**   Salt Lake City , Utah          June 2009 - December 2013

*Co-Owner, Founder and Webmaster*

* Designed, programmed, and maintained its website, carnections.com
* Significantly expanded online presence using search engine optimization (SEO)

**SKILLS and TECHNOLOGIES**

* Full stack, APIs, microservices, UI, speech and language processing, data vis., machine learning
* C#, .NET Framework and Core, Angular, Java, MSSQL, MySQL, Python, Javascript, Matlab, Docker, Git, TFS, AWS (EC2, Elastic Beanstalk, Lambda, Aurora, S3, Dynamo)

**EDUCATION**

**Utah State University**   Logan, Utah          July 2016

*Computer Science, M.S., GPA 3.89*

* Emphasis in **machine learning**, optimization, and computational biology
* Thesis: **Fitting a Multiscale Biofilm Model using a Parallelized Multi-objective Genetic Algorithm**

**University of Utah**   Salt Lake City, Utah          May 2012

*Psychology, B.S., GPA 3.75*

**University of Utah**   Salt Lake City, Utah          May 2012

*Philosophy, B.S., GPA 3.75*

**PUBLICATIONS**

* Third author on *Bridging the multiscale gap: Identifying cellular parameters from multicellular data*
  + Primary contribution was developing parameter searching software to fit model
* Third author on Cell Death as a Trigger for Morphogenesis
  + Primary contribution was developing and programming software model of biofilm cell death