CHRISTOPHER

Logan

**LANGUAGES AND TECHNOLOGIES**

1078 Sumac DR,

**EXPERIENCE**

**01/2015 to Current**

**12/2013 to 08/2014**

**06/2009 to 12/2013**

**09/2007 to 01/2013**

**EDUCATION**

**2016**

**2012**

**2007**

**PUBLICATIONS**

**JOHNSON**

, UT 84321 | C: 801 898 0236 | 7cdjohnson7@gmail.com | github.com/rehpotsirhc

**Research Assistant and Lab Manager**  
**Utah State University** - Logan, UT

Programming simulation and model fitting software and tools using **Java**, **Python**  
and **Matlab**

Writing and editing journal and conference papers using **Latex**

**Software Engineer**  
**Orchid Event Solutions (Visit Salt Lake)** - Salt Lake City, UT  
•Reduced website development time by:

Implementing a software migration to newer technologies including Microsoft  
**Team Foundation Server**, Release Management, and **Visual Studio** 2013  
Creating tools to automate some website creation and deployment processes  
using **C#** and Windows **Powershell**

•Created websites for event registrations in **C#** and **ASP.NET**   
**Co-Owner and Webmaster**

**Carnections, Inc.** - Salt Lake City, UT

Co-founded and expanded Carnections, Inc., which brokers the shipment of  
automobiles nationwide  
Designed, created, and managed its website, carnections.com  
Planned and implemented search engine optimization

**Web Developer and Software Engineer**  
**Shipping Connections** - Salt Lake City, UT

Expanded online presence, improved interoffice efficiency, and increased sales by  
programming and managing several interactive, data-driven websites,  
information and communication tools, and business applications utilizing **C#**,  
**MSSQL**, and **ASP.NET**  
Spearheaded "going paperless" by computerizing the office's organization, file  
system, and communication

**Master of Science**: Computer Science  
**Utah State University** - Logan, UT

Expected graduation: May 2016  
GPA: **3.89**  
Emphasis in **machine learning** and *computational biology*  
Select coursework: **Intelligent Systems**, **Speech and Natural Language Processing**,  
Adv. Bioinformatics, Adv. Database Systems  
Thesis: ***Parameter Fitting a Multi-scale Model/Simulation of Biofilm Morphology using***  
***a Parallelized Multi-objective Genetic Algorithm***

**Bachelor of Science**: Philosophy and Psychology  
**University of Utah** - Salt Lake City, UT

GPA: **3.75**  
Dean's List for 7 semesters  
Honors At Entrance Scholarship (full-tuition scholarship)  
Additional coursework: Calculus I, II, III; Linear Algebra; Foundations of Analysis I;  
**Discrete Structures**; Symbolic Logic

**Additional Distinctions**  
High school Salutatorian  
National AP Scholar

Java, C#, .NET, Python, Matlab, Octave, MS SQL, MYSQL, Powershell, Javascript,  
XQuery, C++, Latex, IntelliJ, Visual Studio, Eclipse, PyCharm, TFS, Windows Server, Git,  
Subversion, IIS

Q. B. Baker, G. J. Podgorski, C. D. Johnson, E. Vargis, and N. S. Flann, "Bridging the  
multiscale gap: Identifying cellular parameters from multicellular data," in  
Computational Intelligence in Bioinformatics and Computational Biology (CIBCB), 2015  
IEEE Conference on. IEEE, Aug. 2015, pp. 1-7. [Online]. Available: http://dx.doi.org/10.1109  
/cibcb.2015.7300323