

Alex Handler Wagner, Ph.D. – Curriculum Vitae

Address	575 Children's Crossroad, Columbus, OH 43215	Home Phone	+0 (000) 111 1111
Date of Birth	16 th June 1985	Mobile Phone	+0 (000) 111 1112
Nationality	American	Email	Alex.Wagner@nationwidechildrens.org

Personal Profile

My ongoing work is to model genomic evidence and assertions for interpreting genomic variation, to help us in the federated generation and search of genomic knowledge. This has involved active participation across many relevant professional societies, and I currently hold advisory or leadership roles in several organizations, including the Variant Interpretation for Cancer Consortium (VICC) (as Director), the Global Alliance for Genomics and Health (GA4GH) (steering committee), the Atlas for Variant Effects Alliance (CVI and DCD committees), and ClinGen (Somatic Cancer, Cancer Variant Interpretation, and Data Platform work groups). I also co-led the development of the GA4GH Variation Representation Specification, and led the 2021 manuscript first describing that work. Ongoing support for this research is provided by a Genomic Innovator Award from the National Human Genome Research Institute.

Along the way, I have participated in the development several precision medicine web tools, particularly in the cancer domain. These include the Drug-Gene Interaction Database, the database of Clinical Interpretations of Variants in Cancer (CIViC) knowledgebase, and the VICC meta-knowledgebase.

Research Experience

Sep 2011 - Present Lehman Brothers, 1234 Mario Park, San Francisco, CA, United States

Senior Developer / Technical Team Lead

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis elementum nec dolor sed sagittis. Cras justo lorem, volutpat mattis lacus vel, consequat aliquam quam. Interdum et malesuada fames ac ante ipsum primis in faucibus.

Technologies: Ruby on Rails 2.3, Amazon EC2, NoSQL data stores, memcached, collaborative matching, Facebook Graph API.

Oct 2009 - Sep 2010 Initech Inc., Otis St, CA 94025, United States

Analyst

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis elementum nec dolor:

- Developed spreadsheets for risk analysis on exotic derivatives on a wide array of commodities (ags, oils, precious and base metals.)
- Managed blotter and secondary trades on structured notes, liaised with Middle Office, Sales and Structuring for bookkeeping.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis elementum nec dolor sed sagittis.

Education

2004-2007 BSc Hons in Computer Science - The University of California, Berkeley

First Class - 80% Average

Third Year Project - 89% awarded 'Project of the Year 2007'

2001-2003 Advanced Secondary Education - Berkeley College, California

Pure Mathematics A

Statistics (AS) A

Physics A

Economics B

Software Engineering Skills

■ Programming Languages

Ruby - MRI 1.8.7, 1.9.2

ASP.NET, C#, VB.NET

PHP

Java/Scala

■ Web Development

HTML5, CSS3/SASS, JavaScript/CoffeeScript/jQuery

Ruby on Rails v3.1

Test:Unit, RSpec, Cucumber, Selenium - automated testing frameworks

Apache/Nginx Web Servers

- **Miscellaneous**

Microsoft SQL Server 2000/2005 - database architecture and administration

Transact-SQL - data definition and manipulation

SQL Profiler - performance tuning and debugging

MySQL Server

CVS, DARCS, git - source version control

Interests

- **Badminton, Tennis, Running, Cycling, Sailing**
- **Travelling**
- **Creative Writing**
- **Photography**
- **Car Mechanics**

Referees

Name	Bill Lumbergh
Company	Initech Inc.
Position	Vice President
Contact	bill@initech.com

Name	Michael "Big Mike" Tucker
Company	Burbank Buy More
Position	Store Manager
Contact	mike@buymore.com