

# John Bellone

**E-mail**  
**Phone**  
**Github**  
**Blog**

jb@thinkbrightly.com  
+1.609.857.1012  
<http://github.com/johnbellone>  
<http://thoughtlessbanter.com>

## Professional Experience

### Bloomberg Finance L.P.

Manhattan, NY

Senior Software Engineer (Equity OTC Derivatives)

*Jan. 2010 — Current*

- Project manager and lead developer for migration of legacy Option Horizon Analysis (OHT) function on the Bloomberg terminal to updated Javascript/C++ service oriented architecture
- Key developer for new development and maintenance for core Equity Derivative Bloomberg products: Option structuring and valuation function (OV); Option matrix (OVM); OTC option pricing service (~2 million pricings/day); Option uploader service (FpML);

Software Infrastructure Champion

*Oct. 2011 — Current*

- 1 of approximately 20 individuals that provide software infrastructure expertise and support to over 3000 developers
- Developed extension to internal developer tool suite using C#, WPF and XAML
- Participated in technical review of new development projects which utilize: threading, service architecture, GTK infrastructure, and database design

GTK Representative

*Oct. 2010 — Oct. 2011*

- Utilized my expertise in GTK development to aide developers in debugging issues with internal widgets
- Taught developers the best practices of development using Javascript
- Participated in UI/UX review of both internal and client facing development projects

### Zinkk, Inc.

Lyndhurst, NJ

Principal, Technical Lead

*May 2008 — Dec. 2009*

- Managed a team of five to develop a state-of-the-art information processing suite utilizing its capabilities in natural language processing, real-time data analysis, and dynamic visualization support to build several prototypes
- Key decision maker in the high level software design of proprietary "Linguist" information processing stack
- Developed real-time social news portal using Linguist semantic graph using expertise in CodeIgniter PHP5, Python, C/C++ and MySQL

### Citi Alternative Investments

Manhattan, NY

Software Engineer (Quantitative Strategies)

*Aug. 2008 — Dec. 2009*

- External developer for open source software research including Linux and GTK applications
- Built open source framework for developing real-time, data driven spreadsheet tool
- Developed system for indexing and seeking through gigabyte compressed CSV data files

Financial Software Internship (Quantitative Strategies)

*Jun. 2008 — Aug. 2008*

- Lead team of three to develop suite of Linux command-line data processing utilities
- Engineered C libraries to handle large file streaming (piping) of uncompressed CSV data
- Debugged internal C++ standard library to analyze thread-safety and interoperability with STL

## Education

### New Jersey Institute of Technology

Newark, NJ

Bachelors in Computer Science

*Dec. 2009*

- Editor-in-Chief of university newspaper supervising four editors and twenty-five writers to deliver a weekly newspaper with a readership of over 2000
- Software developer on SmartCampus research project utilizing expertise in C/C++, C# and Java development on Windows mobile phone platforms
- Taught seminars on software development to university seniors in Capstone project (C/C++, MySQL, PHP)