

Jacky Alcine

Home - 811 St. Johns Pl Apt 3R, Brooklyn, New York, 11216

Remote - 4373 Edson Av, Bronx, New York 10466

Cell: 1-347-541-8162 - Email: me@jalcine.me - Github: [jalcine](https://github.com/jalcine) - Site: home.jalcine.me

Synopsis: An intermediate-level full-stack web developer, devops and Linux systems application developer with . Also a big fan of oatmeal cookies and Earl grey tea.

Experience

Full-stack Web Developer, Bareburger [September 2013 - November 2013]

- Maintains the central online Web presence of the platform.
- Building a custom Intranet solution to be used across multiple locations.

Full-stack Web Developer, Paddle8 [April 2013 - June 2013]

- Helped with the development of the new Archiv8 infrastructure for IMS (inventory management systems).

Frontend Web Developer, Horizon Media [March 2013 - April 2013]

- Worked on Intranet sites using Microsoft Sharepoint. Employed heavy use of HTML5 technologies and CSS3 tech across Internet Explorer 9.
- Revamped interactivity of static sites with more modern and lightweight tools like Zepto in place of jQuery.

Backend Web Developer, The BLS Group [March 2013 - June 2013]

- Worked on internal deployment strategies using Capistrano.
- Grew out server maintenance tools.

Early Software Engineer, Viridis Learning [Jul 2012 - Jan 2013]

Viridis Learning A social workforce education platform.

Technologies: Twitter Bootstrap, Rails, MongoDB, Jenkins

- Set up the RDBMS infrastructure using MongoDB.
- Built out the continuous integration and deployment as per XP strategies.
- Managed the IT infrastructure based on Google Apps for the company.
- Handled and designed parts of the resulting user authentication setup.
- Worked on tying in external services like O*NET and Taleo for job information.
- Began the development of a custom built learning management system.
- Implemented a private API and specification for compatibility between SCORM and TinCan.

Lead Developer, Synthetic Intellect Institute, [Dec 2010 - Jan 2013]

Technologies: C++ (Qt 4.8+ & D-Bus), Ubuntu, PocketSphinx

Wintermute An open source artificial intelligence-oriented application framework.

- Led development strategies pertaining to Wintermute's architectural layout.
- Programmed the core implementation using Qt 4.7.2.

- Tied in heavy inter process communication to permit a “Blackboard” process approach.

SpeechControl An open source speech recognition utility for the Linux platform.

- Led the development for SpeechControl and its incorporation into the Unity desktop environment and the KDE desktop environment.
- Implemented the core platform in Qt 4.7..2 using GStreamer for audio manipulation and PocketSphinx for speech recognition.

Apprentice, Brooklyn Museum [Nov 2011 - Jun 2012]

- Worked with a team of teenagers on building out lesson plans pertaining to arts and exhibits with the Brooklyn Museum.
- Led guides and tours with a context targeted for young children spanning the ages of 4 to 10.

Technical Support, Brooklyn College Community Partnership [Sept 2011 - March 2012]

Technologies: Microsoft Sharepoint

- Worked with the director of the BCCP to ensure stability across technical services.
- Managed web services and software for the BCCP.

Backend Software Engineering Intern, Google [June 2010- November 2010]

- Was introduced to the development process employed by the Google Local and Maps teams used to produce continuous product deliveries.
- Learned introductory concepts of distance expressions used to determine the shortest topographical distances to two locations.

Open Source Developer [Oct 2010 - Present]

- Maintains a suite of projects listed on GitHub and Launchpad.
 - <https://github.com/jalcine>
 - Wintermute
 - SpeechControl
 - Bugzilla::OpenID
 - bash-it
 - <https://launchpad.net/~jackyalcine>
 - Xorg-Tablet packages
 - Triaging for Ubuntu/Debian Packages

Education

Borough of Manhattan Community College

Aug 2012 - Dec 2012, A.S in Computer Science

Brooklyn Academy High School, Graduated June 2012

Brooklyn Technical High School, Media Communications Major, Sept '07 - Oct '10

Specialities

F/OSS fan, OOP paradigms, protégé in code smell sniffing.

Technical Skills

Frontend	HTML5, CSS3, Sass, JavaScript, CoffeeScript
Backend	PHP 5.2.3+, Perl 5.13.0+, Python 2.7+, Ruby 1.9.3-p194, C++99, C++11, Java
Frameworks	Qt 4.5, jQuery 1.7.1+, jQuery UI 1.9.0, Underscore.js, Mono, Ruby on Rails 3.2.6+
Databases	MySQL 5.3, MongoDB 2.0.6
Platforms	Ubuntu/Debian, KDE 4.7+, Android 4.0+
Tools	Git, Jenkins, Bugzilla, MediaWiki, JIRA

Projects

- **Speech Control** - [Source](#) - [Project Page](#)
A tool that provides the Linux platform with an unified solution for speech recognition. Such a tool is targeted for incorporation by default with [Ubuntu](#)'s [Unity](#) desktop environment as well KDE's KRunner omni process executor.
- **Wintermute** - [Source](#) - [Project Page](#)
Representing an intelligent platform, Wintermute is the act of collecting intelligent tools implementing different forms of data mining, natural language processing, pattern matching, speech recognition and speech synthesis and using said data to produce the world's first open source implementation of a personal agent.
- **Wintermute Linguistics** - [Source](#)
An open implementation of a "spoken language"-agnostic natural language processing engine for the Wintermute application. Initial implementation provided the workings of American English and work continues to provide British English.
- **Wintermute Data** - [Source](#)
A centralized means of the Wintermute application to poll and store data in multiple formats from multiple locations. This was my personal endeavour into building a fluid ODM/ORM for Wintermute and it grows with each need. It was designed to be flexible with different sources and formats being added when deemed fit.
- **Qt Bindings for Google Drive API** - [Source](#)
This library serves as a convenience API between Google Drive's REST API and a Qt application written in C++. I wrote this as a means of extending my own implementation of network attached storage for [KDE](#) in KIO::Cloud (a client for cloud storage).
- **KIO::Cloud - Cloud Storage Sync for KDE** - [Source](#)
A plug-in for KDE's input/output system, it provides cloud storage over the "cloud://" protocol for simple synchronization between multiple services like Dropbox, OwnCloud and Google Drive.