

Antonino Urbano

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Personal Profile

Enjoy the creative process behind software design, transforming an idea to a real-world solution. Passionate about the process of software creation, and solving problems at hand. Dedicated and enthusiastic about projects, with an intense focus on organized, task-oriented development.

Academics

2009 - Present **McGill University**
B.Sc. Software Engineering Major

2007 - 2009 **CÉGEP Vanier College**
DEC, Pure and Applied Sciences

2002 - 2007 **Vincent Massey Collegiate**
DES, with Bilingual Certificate (English/French)

Software Projects

Open-Source: Dotmp4

- Creator and maintainer of Dotmp4, a fully object-oriented Python-written program that remuxes and converts AVI and MKV media containers to the MP4 format. Works both with a Graphical User Interface and a Command Line Interface, and uses self-written wrappers for existing binary files to carry out muxing and conversion operations. Tags TV Shows by parsing the input file and supports manual tagging, then searches for more information on free to use online databases. Created in December 2011, development is ongoing.

Open-Source: Beavers

- Part of a team that created Beavers, a Worms-like turn-based action/artillery game. As a team of beavers, the player battles another team of beavers that are a different color. The goal of the game is to eliminate the other team. Worked with frameworks Fizzy (a Box2D physics engine wrapper), and Slick (popular 2D Java games engine). Project worked on from February 2012 to April 2012.

iPhone app: Prefixer

- Prefixer is a free iPhone app (in the App Store) that allows a user to quickly add prefixes to numbers in their address book. It creates new entries for all one's contacts, or for a chosen contact. For example, a user can add a calling card number before dialing out a contact's regular number to save on long distance. When traveling, the user may want to dial an access number before the number you wish to call. Because the prefix is stored as an additional field in a contact card, calling can happen without returning to the app, making for a clean, built-in solution ready for use with the Phone app, Contacts app, or even with Siri. Created September 2012, development ongoing. Worked with Xcode and iOS 6.0 library.

Urbano International

- Created a script that on a daily basis backs up critical accounting data to an encrypted, compressed archive file and uploads to the internet. Important in case of physical damage or theft to local drives.
 - Created an 'emailer': a script that uses an open-source library to convert PDFs sent to a virtual printer from non-email-enabled legacy software. Parses out relevant data (email address, client name), creates an email and displays a popup for the user to allow changes, then emails the file as an attachment. Allows legacy software to interface with email technologies; used daily at Urbano International Inc.
 - Created UrbanoInternational.com, a Magento e-commerce based site customized as a catalog to showcase products for sale to distributors.
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Employment

2005 - Present: Urbano International Inc.

Promotional Products Decorator and Distributor

Responsibilities:

- Have assembled and boxed products for shipment for time-sensitive orders.
 - Customer service through phone and email, order entry, shipping, invoicing, end of month and end of year accounting procedures.
 - Graphic artist responsible for logo and artwork approval by clients, including redrawing and retracing existing logos and artwork.
 - Web site design and total maintenance (of backend including databases, products, promotions, etc) since 2001. Transitioned to Magento e-commerce platform since 2010.
 - Responsible for server maintenance, remote assistance and remote services (VPN, etc), repair, hardware purchasing and network equipment installation and purchasing (routers, switches, etc) as well as security.
 - Install and maintain various devices (printers, scanners, fax machines) and relevant driver software.
 - Responsible for software purchasing (Corel Draw, Adobe Custom Suite, Adobe Acrobat), installation, and maintenance of these and other (Accpac) software packages. Install/maintain drivers for various devices.
 - Created several small utilities for employee/internal use to enhance productivity.
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Personal Achievements

Sports

- Played soccer and hockey from 1994 - 2005. Learned to play as part of a team both on and off the field or rink. Acquired leadership skills. Have taken lessons for and played tennis for personal enjoyment.
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Languages

- English
- French
- Italian

**Version française disponible sur demande.
References available upon request.**