

# NICHOLAS DUNBAR

## SENIOR INTERACTIVE



### OVERVIEW:

**Application Development** : User Experience (UX) Design, JavaScript, Java, HTML 5, CSS, Flash, ActionScript 3 & 2, PHP, SQL, Amazon Cloud, Facebook API, Smartfox, Game Design, Zend MVC Framework, Joomla, Drupal & Wordpress.

**Media Production:** 2D / 3D Illustration, 3D Modeling, Animation, Graphic Design, Video Production, Photoshop, Flash, Premier, Audition, and Lightwave 3D.

**About Me:** The bulk of my experience is in building Facebook applications, a MMO virtual world for kids and interactive multimedia based education tools. I speak English, French and Spanish in which I have experience localizing products. People say I'm fun and sociable, which is not typically characteristic among most class "A" ultra nerds like myself.

**Demo Reel** : <http://www.designcortex.com>

**3D Illustration and Animation** : <http://www.designcortex.com/3d>

### WORK EXPERIENCE: 9 Years

#### CTO of ArtGizmos.com | Boulder, CO | 1 year (2010-Present)

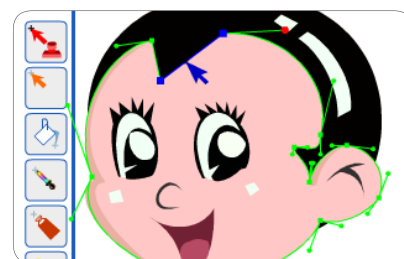
Facebook Vector Based Drawing Application.

- Developed from scratch in ActionScript 3.0 (AS3), JavaScript, PHP, Amazon Simple DB, and Amazon S3. See the demo video at <http://www.designcortex.com/artgizmos>

#### User Experience Consulting | Boulder, CO | .5 year (2009-2010)

Remote work for various clients.

- User Experience Design, HTML 5, JavaScript and PHP



#### Lead Developer of Green.com | Boulder, CO | 1.5 years (2008-2009)

Multi-Player Online Virtual World for Kids, Boulder CO.

- Built the game engine in AS3, Smartfox and Java from scratch.
- Java was used for the back end modules.
- Managed a team of three developers
- Responsibilities included: code reviews, writing product requirements, developing game play, coding game engine and designing interface usability tests.

Green lost funding due to the recession please see an overview of the original project at <http://www.designcortex.com/green>



#### Interactive Designer and Animator at MWC | Bozeman, MT | 6 years (2002-2008)

Developed the following environmental training applications for Internet and CD-ROM with MWC - Media Team, Montana State University:

Operator Basics Version 2003

Sanitary Survey Fundamentals

State Guides to a Source Water Protection

Point-of-Use Osmosis Systems

Microbial Risk Assessment

Operator Basics Version 2005

Virtual System Explorer 2006

Contamination Explorer

Water Quality Expedition

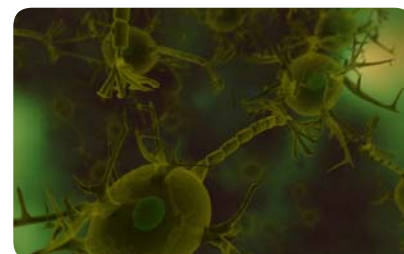
RO UV Treatment: 30 minute animated DVD

Position included production of 2D/3D graphics and animation using Photoshop, Flash, Lightwave 3D and Adobe Premier; programming in PHP and Actionscript; and the creation of production tools the main one being a learning management system (LMS) written in PHP, SQL, and ActionScript. Developed learning games and simulations. Assisted in the instructional design of interactive multimedia based computer training.

See portfolio at <http://www.designcortex.com/run.php>

Download courses at <http://watercenter.montana.edu/training/>

See 2007 employee review at [http://www.designcortex.com/upload/2007\\_review.rar](http://www.designcortex.com/upload/2007_review.rar)



## EDUCATION

**B. A. in Modern Languages - French:** Montana State University, Bozeman, Montana 2001.

GPA: Overall - 3.13 **Art Minor** and **Computer Science Minor** Equivalent.

An Online University Transcript is Available at

[http://www.designcortex.com/html/academic\\_transcript.htm](http://www.designcortex.com/html/academic_transcript.htm)

## PROFESSIONAL REFERENCES

**Eddie Dombrower** (Former president of Green.com)

[http://en.wikipedia.org/wiki/Eddie\\_Dombrower](http://en.wikipedia.org/wiki/Eddie_Dombrower)

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## CONTACT

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