

Vincent A. Fiano

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Experience **Churchill Navigation** *Software Developer*

Boulder, CO
August 2006 – Present

- Desktop Geo-Browser
 - User interface implemented with Mozilla XULRunner
 - Event based re-design of “game style” application and input logic
 - Input system for basic geometry editing
 - Secure JavaScript API for safe execution of third-party scripts
- Application development in Python
 - Augmented Reality map for helicopters (with industry partner Paravion)
 - ArcGIS integrated video player for our tagged video data
 - Demos: car navigation, in-flight entertainment, command center display
- Object oriented C++ API exposed through C functions, modeled after Objective-C
 - Python interface with runtime generated classes having docstrings, proper method names, and argument lists
 - JavaScript interface written by a co-worker with little supervision

Optimi Corporation *Software Developer*

Atlanta, GA
March 2005 – July 2006

- Full development cycle for small to medium projects with little supervision
- A declarative user interface development environment in Java/Swing
 - Used the SwixML framework and Mozilla’s Rhino JavaScript interpreter
 - Designed bridging systems and development conventions
 - Integrated with an existing development platform
- Workflow oriented plug-ins for JIRA, a Java based issue tracking system

Information Technology

February 2004 – February 2005

- Simple web application development in PHP, Perl, Python/WebKit
- Responsible for servers, services, workstations, and user support in one of three offices
- Company grew from 60 to 180 employees in Georgia, Florida, and Spain, in one year

Information Design and Technology Lab, Georgia Tech *Research Programmer*

Atlanta, GA
May – August 2003, December 2003

- Application development in Max/MSP, Objective-C, OpenGL, Macromedia Flash
- Research, Design, Implementation of a graphics engine with network interface

Education **Georgia Institute of Technology** *Bachelor of Science, Computer Science*

Atlanta, GA
August 2003

- Design work for Commotion: a text animation system
- Participated as a Ranger / Programmer in MOOSECrossing, a text based online world for kids
- Computer Graphics, Digital Video Special Effects, Systems and Networks
- Undergraduate TA, Introduction to Computing
- Barcelona Study Abroad Program, 2003

Hobbies Started atlHack.org, a weekly Atlanta meet-up for people interested in computing