

Larry Sheradon

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EXPERIENCE

Software Engineer

Planet 9 Studios, Inc.

April 2005 – June 2008

San Francisco, CA

- Headed development of mobile GPS-enabled social applications with 3D city visualizations
- Co-authored Java server for massively multiuser geospatial world
- Built, profiled & optimized graphics demos for next-generation embedded platforms
- Wrote tools for processing, optimizing & deploying 3D city data sets for web & mobile platforms
- Authored a networked translation utility & web service for aggregating GPS tracks
- Designed, coded and maintained website with realtime maps
- Scripted X3D tools for Navy aircraft carrier simulation
- Integrated voice-over-IP features with our mobile & web applications
- Maintained office network and workstations

Student Research Participant

Futures Lab, Mathematics and Computer Science, Argonne National Laboratory

Summer 2003 & 2004

Argonne, IL / Chicago, IL

- Developed biochemical visualization tools for tiled projector arrays
- Implemented metabolic pathway layout algorithms with realtime OpenGL
- Collaborated with biologists on a genomic/metabolic data model

Graphic Designer, Programming Assistant

The University of Chicago

March 2003 – April 2005

Chicago, IL

- Designed and produced print advertisements, University-branded gifts for students and staff, and informational materials. Prepared digital documents for printing and distribution
- Coordinated events and consolidated attendee feedback into reports

Web Developer

Twohundredtwelve Degrees

June – September 2001

Chicago, IL

- Coded HTML and database-driven PHP pages

EDUCATION

The University of Chicago

Chicago, IL

- B.S., Computer Science (with Honors), December 2004
- Argonne National Laboratory / University of Chicago Full Scholarship

LANGUAGES

C/C++
Java
C#
PHP
HTML & CSS
Shell scripting
Javascript
X3D / VRML

DEV. TOOLS

OpenGL & ES
.NET
XNA
Subversion
Visual Studio
Postgres, SQL
PostGIS, QGIS
Apache / Tomcat

PLATFORMS

PC software/hardware
Windows
Linux (desktop & embedded)
Windows Mobile / CE

APPLICATIONS

Photoshop
Illustrator
InDesign
Office