

Technical Resumé

Brian M Hamlin

Excellent communication skills, including teaching and public speaking; specified, implemented and executed the Big Data infrastructure for a state-of-the-art quantitative study on urban growth in California; responsible for sensitive and confidential data security; elected charter member of the Open Source Geospatial Foundation (OSGeo);

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Spatial Data Ops Nov 2005 - present

Spatially enabled data handling via PostgreSQL / PostGIS, GDAL/OGR, GeoServer
Linux Administration – debian and ubuntu preferred
Senior Technical Advisor – Calthorpe and Associates
Guest Speaker, Postgres Users Group - “PostGIS 2.0”, “Interoperability of Geo-Data”
Guest Speaker, North American Cartographic Information Society Annual - “PostGIS”
Guest Speaker, Google Geo Developer Talk series - "Dynamic KML"

OSGeo Live Linux Distribution - PostgreSQL, NaturalEarth, netCDF, SciPy, project branding
Designed and Implemented Web 2.0 App : Future Insight Maps, server and client

Steering Committee, 5th International Symposium on Digital Earth

Five days, 120 presentations; Liason to professional constituency and speakers
Designed & built exhibitor network with UC Berkeley Campus IT & Security

Web 2.0 Mapping Technology

Berkeley DLab / Am. Statistical Association “Big Data, Big Cities Datathon” Aug 2014
MIT Dept. of Urban Studies & Planning Web Mapping Contest, 2nd Place
US EPA, PCsforSchools.org national ‘100 Percent Day’ map for EarthDay, 2007
CA EWaste collections ‘Zip Finder’, March 2006

2003 - 2005

Stakeholder in CA EPA environmental recycling law SB20/50
testified to CA House sub-committee on Natural Resources
authored change to CA DTSC Regulations on SB20, accepted
published regular Blog 'EWasteInsights.info' – readership about 3000 per month

2001 - 2002

MBA Program at the Institute for Environmental Entrepreneurship - GreenMBA.com

PilotMaker – Jan 2000-Jan 2001 Founding Member

Designed and implemented Object Oriented software spec in C++

NOESIS Proprietor 01Nov89 -Jan 2000 Misc contracts, including:

- MDL Information Systems - Computer-aided Chemistry, C++
- Fresh Software – Telecom database data editor in C++
Wrote complete OO app framework for internal use (Mac)
- Apple Developer University – Developed the course in 'C++ and Object Oriented Programming'
- 5th Generation/Symantec – 'Public Utilities, >80k lines C++
- Edison-West 'Scenario' Presentation/Planning Sfwr, Think Class Lib

EDUCATION

GreenMBA.com: MBA Program
UC Berkeley: Advanced C Language
Algorithms 200, Data Mining 200
Meritt College: C, Operating Systems Theory

ADDITIONAL DETAILS

OSGeo - California Chapter, Founding Member
Berkeley Hillside Club, Board Member
Berkeley Macintosh Developers Group, Co-Chair
CA Resource Recovery Association /
Electronics Recycling Technical Committee

Avid Bicyclist, Hatha Yoga

REFERENCES: Dr. John Radke, Director, Geographic Information Science Center, UCB
Ragi Burhum, founder, San Francisco GeoMeetup • Jane Lorand, JD, MA