

Curriculum Vitae - Andrew Benjamin Likuski

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Objectives

Plan, model, and simulate improvements to cities, neighborhoods, and transit corridors. Work centered around creating car-free and car-light environments, human-scale building and proximity, locally-driven economies, and urban integration with the natural environment. These goals are pursued through work and training in urban planning, urban design, transportation, and software development.

Relevant Knowledge

Bachelor's degree in computer science and engineering coupled with ten years of software development for businesses. Master of Arts in Urban and Environmental Policy and Planning at Tufts University.

Work History

- **Calthorpe Associates** Berkeley, CA - Spring 2012 - Present.
Planner and software developer supporting development and deployment of the open-source scenario development and modeling tool Urban Footprint (http://www.calthorpe.com/scenario_modeling_tools).
- **OpenPlans** New York, NY - Summer 2011.
Summer fellow. Continued thesis software work under the guidance of Frank Hebbert, director of OpenPlans Civic Works department.
- **Open Neighborhood** Tufts University/Acton, MA - 2009-2011.
Project of Tufts UEP Professor Justin Hollander to use the 3D online virtual worlds to model a neighborhood in Acton, MA as a mechanism for community participation in the planning process.
- **CaféPress** San Mateo, CA 2005-2009.
Co-authored and was the principle developer of the CaféPress API (<http://developer.cafepress.com>) and co-wrote the open-source horizontally-scalable database storage system called HiveDB. (<https://github.com/britt/hivedb>).
- **Self-employed for a startup project** 2004-2005.
- **Ask Jeeves (contract work)** Emeryville, CA 2004.
- **KindMark** Mill Valley, CA 2003-2004.
- **Microsoft** Redmond, WA 2000-2003.
- **MongoMusic** Redwood Shores, CA 1999-2000 (Acquired by Microsoft).
- **Electronic Arts (Internship)** San Mateo, CA Summer 1998.
- **Cambridge Systematics (Internship)** Cambridge, MA Summer 1997.

Education

Tufts University 2009-2011
Master of Arts in Urban and Environmental Policy
and Planning

University of California Davis 1995-1999
Bachelor of Science in Computer Science and
Engineering

Thesis

Authored a software plugin called *Rescape* for Google Sketchup to simplify the use of Sketchup for pedestrian and

transit-oriented neighborhood redesigns. The plugin simplifies the most essential tasks of doing a site redesign for an existing neighborhood. It enables downloading and rendering the streets of any neighborhood and provides tools to draw amenities such as streetcar tracks and bike lanes in 3D.

Beta software releases: <http://code.google.com/p/rescape/downloads/list> | Thesis paper about the project: <http://www.likuski.org/thesis.pdf>.

Urban planning coursework

- Transportation Modeling (MIT, Audited)
- Transportation Planning (MIT, taught by Frederick Salvucci)
- Urban Transportation Planning (Tufts, taught by Mark Chase)
- Geographic Information Systems (GIS)
- Green Urban Design
- Local Government Financing
- Field Projects
- Foundations of Public Policy and Planning
- Developing Sustainable Communities
- Cities in Space, Place, and Time
- Negotiation and Conflict Resolution
- Microeconomics
- Quantitative Methods
- Regulatory Land Use (Audited)
- Nonregulatory Land Use (Audited)
- Ecocities University Of California Berkeley Extension, 2005

Organizations

Board Member and Local Action
Team Leader of Californians for
High Speed Rail
(<http://www.ca4hsr.org>)

Urban Planning Writing

Active work: blog.rescapes.net
Former blog:
degagelavoie.blogspot.com

Languages

Highly competent in French
and Spanish
Intermediate and training in
German