

# Bradley Bossard

Polyglot software engineer with over 15 years of experience

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## Experience

### Senior Software Engineer - [moovel](#) - 2017 - Present

moovel develops whitelabel mobile ticketing solutions for public transit agencies.

- Micro services development with Node, Go, Python, Docker, Kubernetes and AWS
- API design and implementaton with REST and GraphQL
- Database experience with MySQL and PostgreSQL
- Agile methodolgoy with JIRA, sprints and CI/CD code promotion process

### Lead Fullstack Developer - [Aniden Interactive](#) - 2012 - 2016

Aniden is a digital interactive agency serving several large clients including HP, Dell, Yahoo and Logitech.

- Remote team member with proven ability to communicate well via Slack and video
- Large variety of projects with technologies ranging from Flash, PHP, Javascript, jQuery, Angular & React
- Fast paced environment required ramping up on new technologies quickly
- Work Samples - [Yahoo Doodle](#) - [Race For The Stars](#) - [Finish Drawing](#) - [History Of Baker Hughes](#)

### Senior Software Engineer - [Google](#) - 2007 - 2012

Google is an internet search company. While at Google, I worked in digital mapping technologies and frontend development.

- Google Earth 3D Buildings - C++ automated generation of 3D buildings from raw sensor data
- *Building Maker* - C++ image processing and serving pipeline aerial imagery
- *Wapner* - [Patented](#) internal Django webapp for scoring 3D content.
- [Street View](#) - Frontend Javascript client for Google Street View
- [Doodle Gallery](#) - Django webapp for viewing Google Doodles
- [Doodles](#) - Authored interactive Doodles on Google homepage using raw Javascript

### Systems Engineer - [Urban Scan](#) - 2005 - 2007

Urban Scan was a start-up focused on automated 3D model generation for urban environments. Acquired by Google.

- Wrote C++ real-time acquisition sensor platform composed of cameras, GPS, and laser scanners.
- Design and manufacture of custom data collection hardware
- Research and purchasing of all hardware used by the company.
- Point of contact for DARPA project integrators

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## Education

MSECE, Masters of Electrical and Computer Engineering - [University of Iowa](#) - 2001-2003

BSEE, Bachelors of Electrical Engineering - [University of Iowa](#) - 1998-2001