

# Ben Ayers-Glassey

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I'm a self-taught programmer. After getting a math degree on the East coast, I worked my way across Canada, and have begun a career in software development on the West coast.

In my spare time, I make games and small programming languages, pushing the boundaries of my abilities and imagination.

At work, I try to write boring, solid code, so that it doesn't break on production over the weekend.

To that end, I:

- talk with other people whose code will interface with mine
- spend time with management and clients hashing out requirements
- write code in manageable units with small APIs, a bit of documentation, and a couple of tests

I'm interested in working with people who share my passion, which is: to create excellent software.

A huge bonus for me would be spare time to study new technologies and work on my own projects.

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## Employment History

### Web Developer

Mighty Oaks, Victoria, BC  
Oct 2016 — current

I'm a full-stack developer in a small team at Mighty Oaks, creating grocery e-commerce software.

I maintain and extend:

- our internal e-commerce library
- our solutions for individual clients, built on top of that library

I use:

- Python, Django
- HTML, CSS/LESS, JavaScript, Bootstrap 3
- Postgres, Redis, Celery, Elasticsearch, uWSGI, NGINX
- REST (via Django REST Framework), JSON, XML
- Linux (Fedora/CentOS)
- GIT

## Personal Projects

### Functionous

<https://github.com/bayersglassey/functionous>

Functionous is a tiny, purely-functional language, written as a C library.

### Various games

QBASIC, Visual Basic, Flash, C/C++

I learned to code by making DOS games in QBASIC, 15 years ago or so.

I moved through VB and Flash to arrive at C/C++.

At some point I became sidetracked with programming language design and implementation.

The two passions feed into each other fairly well: a good usability test for a language is to write a game engine in it.

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## Education

### B.Sc. Mathematics

Cape Breton University, Sydney, NS  
Dalhousie University, Halifax, NS  
2013