

EDMUND WRIGHT

[Github](#) / [LinkedIn](#) / [Portfolio site](#)

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US work authorization: Yes.

Projects

Cells ([live](#) / [github](#))

- Clone of Google Sheets, written in Backbone and Ruby on Rails.
- Saves edits to the server immediately and efficiently.
- Evaluates formulae recursively, and intelligently updates cells using dependency graph.
- Allows simultaneous editing with other users.

Anti-Snake ([live](#) / [github](#))

- Twist on the classic Snake game, written in JavaScript.
- Snake is autonomous, and path-finds intelligently, while player must build a maze to trap it.

Rails Lite ([github](#) / [live demo app](#))

- Web server MVC framework inspired by the functionality of Ruby on Rails.
- Contains ORM inspired by the functionality of ActiveRecord.

Chess ([github](#))

- Chess game written in Ruby using object-oriented design.
- Contains intelligent computer player who makes decisions based on a truncated game tree.

Skills

JavaScript, Backbone.js, jQuery, Ruby, Ruby on Rails, SQL, git, HTML, CSS, Matlab, Stata, Java (learning), Python (learning)

Education

Web Development, App Academy, New York (Jul - Oct 2015)

Intensive course with less than 5% application acceptance rate. Emphasizes code quality and design patterns.

PhD program in Economics, first 2 years, University College London (2012 - 2014). Left to pursue programming; received MRes Economics with Merit.

MSc Economics (Distinction), University College London (2010 - 2011)

BSc Philosophy & Economics (1st Class Hons), University of Bristol (2006 - 2009)

Employment

TA in Economics, University College London (2013 - 2015) and University of Bristol (2011 - 2012). Taught students up to postgraduate level, in subjects including Game Theory, Maths, Statistics and Econometrics; gave lectures to classes of up to 300 students.

Research Assistant, University of Bristol (full-time 2009 - 2010, and occasionally from 2012 to 2015). Wrote scripts for web scraping and manipulation/analysis of data. Compiled and undertook econometric analysis of large datasets; co-authored published articles.

Technician, Cambridge Flat Projection Displays (2005 - 2006)

Constructed prototype optical devices for startup tech company.

Articles

“Peer effects in charitable giving: Evidence from the (running) field” (with S. Smith and F. Windmeijer), The Economic Journal, 2015 ([link](#))

“An integrated approach for evaluating the effectiveness of landslide hazard reduction in vulnerable communities in the Caribbean” (with E. Holcombe, S. Smith and M. Anderson), Natural Hazards, 2012 ([link](#))