

# EDMUND WRIGHT

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

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Authorized to work in the US

## Projects

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

- Clone of Google Sheets, written in Backbone and Ruby on Rails.
- Saves edits to the server immediately and efficiently by storing cells as individual models.
- 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*)

- Concentrated on behavioral economics and game theory
- 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*), Univ. of Bristol (*2011 - 2012*)

- Taught students up to postgraduate level.
- Covered a range of subjects including Game Theory, Maths, Statistics and Econometrics.
- Chosen to give lectures to classes of up to 300 students.

### **Research Assistant**, University of Bristol (*full-time 2009 - 2010; part-time 2012 to 2015*)

- Wrote scripts for web scraping and manipulation/analysis of data on charitable giving.
- 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](#))