

**MATTHIEU DEVLIN**  
matthieudevlin@gmail.com

## EDUCATION

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### University of Oxford

Oct. 2013 – Sept. 2014

MSc Computer Science

**Grade:** Distinction

**Project:** Predicting Graphical Passwords (PHP, MySQL, JavaScript and R)

**Completed Courses:** OOP, Machine Learning, Computer Security, Databases, Visual Analytics, Intelligent Systems, Computational Linguistics.

### University of St Andrews

Sept. 2008 – June 2013

BSc Mathematics

**Grade:** First Class Honours

**Awards:** Dean's List 2012-2013

## OTHER COURSES

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Completed multiple online courses (MOOCs) from various institutions on topics including algorithms, programming languages, computer networks and machine learning.

## PROGRAMMING SKILLS

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- Proficient with Java.
- Familiar with R, PHP, Python, MySQL, HTML, CSS and jQuery/jQueryUI.
- Some experience with PostgreSQL, JavaScript and Ruby.
- Brief experience with Scala, ML and Racket.

## RELEVANT WORK EXPERIENCE

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### YouGov America – Intern

Nov. 2014 – Oct. 2015

- Program and field surveys for experimental data collection.
- Prepare data for and perform analysis using open source tools (R, PostgreSQL, Redshift, Hive)
- Use clustering techniques to produce a market segmentation product.

### DieSmart – Intern

Aug. 2013 – Sept. 2013

- Developed a WordPress site with embedded SurveyGizmo surveys.
- Created a 'dashboard' UI using jQuery.
- Designed and implemented MySQL database schema.

## OTHER WORK EXPERIENCE

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### **St Andrews Links Trust – Caddie**

May 2012 – July 2013

- Promoted from Trainee Caddie based on customer feedback.
- Advised player on club selection and green reading.

### **University of St Andrews – Ambassador**

Sept. 2011 – May 2012

- Guided prospective students on open days.
- Mentored secondary school pupils.

## SIDE PROJECTS

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- Created a website (in PHP/jQuery/HTML/CSS/MySQL/Ajax) to provide a weather forecast and a rating from 1-10 on suitability of the conditions for playing golf. Not currently hosted and being converted to Python to run on Google App Engine.
- Java GUI for recording/tracking my earnings while working as a Caddie.

## POSITIONS OF RESPONSIBILITY

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### **University of St Andrews Touch Rugby Club –**

Oct. 2010 – May 2012

#### **Treasurer/Health and Safety Officer**

- Applied for funding from the Athletic Union.
- Collected membership fees and managed club finances.
- Attended committee meetings, providing improvement ideas.
- Led coaching sessions and kept first aid kit in stock.

## ACTIVITIES

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Golf – R&A bursar for 2008-09 and University First team 2008-09 (University of St Andrews).

## PUBLICATIONS

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Summary of Master's project at HCII 2015 conference (pending review).