

MATTHIEU DEVLIN
matthieudevlin@gmail.com

EDUCATION

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 (Approximate equivalent GPA 3.7+)

Awards: Dean's List 2012-2013

OTHER COURSES

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

PROGRAMMING SKILLS

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

RELEVANT WORK EXPERIENCE

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.
- Receive training in developing recommendation algorithms using nonparametric Bayesian clustering methods.
- Design, implement, test and evaluate a recommender system.

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

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

- 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

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

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

PUBLICATIONS

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