

# Mark Nemec

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## Experience

- 2014–2015 **Functional & Object-Oriented Programming Tutor**, *The University of Edinburgh*, Edinburgh.  
Tutor for first year courses on functional programming with Haskell and object-oriented programming with Java. Tutored a group of students on a range of different topics covering both programming languages.
- Summer 2014 **Data Acquisition Intern**, *Skyscanner*, Edinburgh.  
Worked on an automated price accuracy framework using Selenium. Developed a tool for measuring airline coverage.  
Highlights:
  - o Price parsing algorithm that can deal with most currencies and price formats in the world;
  - o Tool running concurrent requests using Python 3 asyncio library;
- 2013–2014 **Undergraduate Software Engineer**, *Skyscanner*, Edinburgh.  
Was offered a part-time position after first internship with Skyscanner. Worked in the Coverage team on adding scrapers for airlines not yet on Skyscanner.
- Summer 2013 **Data Acquisition Intern**, *Skyscanner*, Edinburgh.  
Worked in a team of interns responsible for writing and maintaining web scrapers in Python. Highlights:
  - o Worked with 3rd parties on getting them on Skyscanner;
  - o Worked on internal tools with web frameworks such as Django and AngularJS;
  - o Developed a Sublime Text plug-in in Python used by the team;
- 2013 **Part-time Developer**, *Danger Farms*, Edinburgh.  
Worked part-time on several projects while in second year of university. Learned to work with Python web frameworks such as Django and Flask and became proficient in Python.

## Education

- 2011–2015 **BSc Computer Science**, *University of Edinburgh*, Edinburgh.

## Projects

- Storm on Multi-core**, *Honours Project*, <https://github.com/mrknmc/storm-mc>.  
Port of Apache Storm on multi-core. Open-source data stream processing library written in Java and Clojure.
- WindSol**, <http://aslip.me>, <https://github.com/mrknmc/slip-web>.  
Back-end and front-end for a weather station prototype. Written in Node.js and Backbone.js.

## Computer skills

- Extensive **Python, Java, Javascript, SQL, shell scripting, git**  
Familiar **Clojure, C, Swift, Objective-C, Haskell**  
Web **HTML, CSS, Django, Flask, ReactJS, AngularJS**  
Mobile **Basics of iOS development**  
OS **OS X, \*nix, Windows**

## Awards

- 2014 **Netcraft Prize**, *Netcraft*.  
The Netcraft Prizes are awarded to top 6 undergraduate students in third year.

## Languages

- English **Fluent**  
Slovak **Native Speaker**

## Interests

**Running, Concertgoing, Board games, Snowboarding**