Marc Cataford

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PROFILE

I am a fourth-year computer engineering major from McGill University interested in education, journalism, community initiatives and sustainable technology.

EDUCATION

McGill University   Montreal, Canada

Bachelor of Engineering – Computer Engineering   2012-Present

EXPERIENCE

Self-employed   Montreal, Canada

Freelance web developer   2016-Present

- Advised clients on hosting plans required for their projects
- Established precise timelines and project design documentation
- Met with clients regularly to ensure that the project is within expectations
- Implemented designs using technologies such as PHP, MySQL, Javascript (jQuery, Chart.js) and HTML5/CSS3

The McGill Daily   Montreal, Canada

Web editor / web developer   2015-Present

- Maintained and moderated our website (80k-120k visitors per month)
- Ensured social media web presence through Facebook and Twitter
- Fixed issues present on the website and designed, then implemented new features to be rolled our on a weekly basis
- Designed and implemented special web content (relative to featured stories or special issues) under tight deadlines
- Acquired deep experience of full-stack web development using PHP, MySQL, Javascript, HTML5/CSS3, Plesk and Wordpress

Chegg Tutors   Montreal, Canada

Private tutor   2013-Present

- Managed scheduling and lesson planning for over 300 students

- Received over 250 positive reviews

- Tutored programming (C++/C/Java/Javascript/MIPS/PHP), computer science and engineering (algorithm design, circuit analysis, digital logic) and mathematics

PROJECTS

McGill BDS Action Network   Montreal, Canada

Web developement   Winter 2016

- Designed a campaign website under a tight deadline

- Provided ongoing support to add features as the campaign unfolded

- Set up a VPS, and implemented an interactive website over AnchorCMS, with custom MySQL database handling

- Documented the system to boost the user's ability to update and modify their content themselves

Verstehen Journal 2016   Montreal, Canada

Web developement   Winter 2016

- Designed and implemented the 2016 publication website following the editorial board's requests

- Maintained an ongoing discussion with the paper design editor to ensure continuity between the paper issue and the web version

TECHNICAL SKILLS

Proficient in: C, C++, Java, PHP, Javascript, HTML5/CSS3, MIPS

Currently studying: Ruby, Python, VHDL

Frameworks and other technologies: Wordpress, AnchorCMS, jQuery, Chart.js, D3.js, RESTful interfaces

Languages spoken: Fluent in both French and English, learning Dutch