Mark Lyons

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Education

University of Maryland, College Park

B.S. Computer Science, May 2018

Technical Skills

Highly skilled in: HTML5, CSS3, JavaScript, PHP, Python, MySQL, jQuery, Swift

Proficient in: Java, C, Ruby, Android, WordPress, Ext JS, PostgreSQL

Experience with: OCaml, Prolog, Git, ns-3, AWS EC2, Node, Angular, React

Experience

JPMorgan Chase & Co. – *TAP Intern* (Summers 2015, 2016) – New York, NY

- As a QA Analyst my first year, queued defects and requirements for testing in HP ALM and Control-M.
- Worked with project lead to convert an investment portfolio viewer app from Adobe Flex to Ext JS and Java Spring.
- Utilized Ext Direct to reduce client-server communication latency for this application by 60%.

RedOwl Analytics – *Software Engineer Intern* (Summer 2012) – Baltimore, MD

- Contributed to development of Restful JSON API primarily by writing documentation for API endpoints.
- Enhanced the "Person View" of the core software by data-mining sites such as LinkedIn with JavaScript and Perl.

RJ Bentley's Restaurant – *Barback, Bartender, Manager* (2015 – 2018) – College Park, MD

- Worked as barback and bartender, was then offered a management position.
- As a manager, responsible for as many as 30 staff on any given shift, hiring new employees, collecting revenue and recording sales, among many other duties.

Projects

ZCarGuide – www.zcarguide.com – *Code available on GitHub* – started 2017

- Built a WordPress content-based website that is the internet's premier resource for Datsun Z-Car enthusiasts.
- Wrote over 50,000 words of technical advice, mechanical and repair tutorials, and buying and pricing guides.
- Developed a web-app for 'Datsun Z-Car For Sale' listings in JavaScript and PHP, along with a custom WordPress plugin.

CheerUpper – *Code available on GitHub* – built in 2015

- Built a web-app that strives to make the internet a better place by allowing strangers to offer words of encouragement.
- The project was a team effort, built to compete at Bitcamp, a 36-hour Hackathon at the University of Maryland.
- The project received press coverage on CBC Radio, ABC Australia, the DailyDot, The Diamondback, and others.
- Winner of Twitter's 'Best use of API' distinction, an award for which over 100 teams competed.

FIFA Encyclopedia – www.fifaencyclopedia.com – started 2010

- A general information guide to the FIFA video game series with over 100 pages of content.
- Started in 2010 as a high-school sophomore and has since generated 13M impressions from nearly every country.

🌐 For more information on these projects, as well as some of my other projects, please visit **marklyons.github.io**