

Michael A. Harvey

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<http://michaelaharvey.github.io>

Employment:

- Software Engineer - PriceSpider
- Built and maintained web crawling software architecture. Maintained crawlers for 200k online sellers for 150+ major brand name clients for a total of over 250 million product matches
- Managed and designed SQL database structures and stored procedures to interact with proprietary web crawling logic
- Created a Node.JS/Angular data driven web application to interface with MS SQL and Postgres and created .NET/Node/Postgres tools to abstract common fixes to the support team
- Maintained IT infrastructure including serving data through CDNs, curating a data center and VPN, and coordinating data pipeline from routinely crawled raw HTML to our production where-to-buy widgets.
- Used powershell scripting to automate updating software and maintaining data pipeline

Education:

UC Berkeley Class of 2015: Bachelor of Science - Computer Science

Research:

Undergraduate Researcher in Material Engineering: 2012 - 2014

- Used modern computer programs to visualize and simulate synthetic chemistry in the synthesis of solid electrolyte and gas storage molecules known as molecular orbital frameworks.

Skills:

C#, .NET, Visual Studio, MS SQL Server, Postgres, Elastic Search, Javascript, Typescript, Node.JS, Angular, Git, Powershell,

Activities:

- Cal Hacks: Hack-a-thon participant 2013-2015
- Ocean lifeguard - Summer 2008-2015
- Filmed and edited club event videos which received over one million views on social media

Links:

- Linkedin: <https://www.linkedin.com/in/michael-harvey-a408ab102>
- Github: <https://github.com/michaelaharvey>