# CHRIS **BEDNAR**

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## EXPERIENCE

**NOVEMBER 2015 – PRESENT**
**SOFTWARE DEVELOPER,** CISION, RESTON, VA

- Developed a variety of internal software tools using .NET, C#, MySQL, JavaScript, jQuery, Vue.js, HTML/CSS, XML/XSLT and interacting with numerous REST APIs to improve the data, efficiency and usability of internal and client-facing tools.
- Refactored a computationally intensive feature crucial for saving human time and increasing accuracy. I accomplished this task by using the Visual Studio Performance Profiler and the concepts I learned in my Data Structures and Algorithms courses. I managed to shave the CPU utilization by more than a half.
- Integrated with a new set of APIs that required a major rework because we were swapping service providers. Despite the old and new APIs being entirely different, I figured out how to make the transition seamless for our users.
- Improved the quality and quantity of data coming into our system via web crawlers. This involved modernizing our parser to use newer web standards as well as improving the algorithms used to make decisions about the content that we find.

**FEBRUARY 2015 – NOVEMBER 2015**
**WEB DEVELOPMENT INTERN,** EDGE ENERGY, MCLEAN, VA

- Built a modern WordPress template from scratch using PHP, HTML, CSS, Twitter Bootstrap, LESS and GULP in 3 months with no experience. I used the documentation on wordpress.org and php.net to learn what I needed to accomplish the task. The rate of people inquiring about Edge Energy's services through the website almost doubled.

**SEPTEMBER 2014 – DECEMBER 2014**
**WEB DEVELOPMENT INTERN,** HURDLR, WASHINGTON, DC

- Created a system to run hundreds of automated tests every night. The automated testing reduced the introduction of bugs and helped make sure that features continued to work as we developed features rapidly.
- Developed usability improvements based on customer feedback using Node, JavaScript, AngularJS, Stylus, CSS and HTML.

**JUNE 2014 – AUGUST 2014**
**PRODUCT DEVELOPMENT UI INTERN,** ICROSSING, RESTON, VA

- Wrote a Python program that was used as a cronjob on a Linux server to automatically convert and compress hundreds of video files uploaded through a website.
- Built functioning websites using Photoshop files from Designers using HTML, CSS and JavaScript.

# PERSONAL PROJECTS

- Developed a web application to notify me of new Craigslist posts. This application has helped me secure great deals on housing. It was built using Python, Flask and a SQLite Database.
- Developed a web application to facilitate the posting of news links on a Facebook group via the Facebook API. This application automatically ingests content via RSS feeds and parsing HTML. It was built using PHP, Python, HTML, CSS and a SQLite Database.
- Developed an internal web application to help a commercial moving and rigging company track the maintenance of important equipment. It was built using Python, Django, HTML, CSS and a Microsoft SQL Database.
- Other projects at https://bednarchris.com

# EDUCATION

**MAY 2018**

**75 CREDITS TOWARDS COMPUTER SCIENCE, BS** GEORGE MASON UNIVERSITY

Notable courses: Object-Oriented Programming, Data Structures, Algorithms, Low-Level Programming, Computer Architecture, Databases, Human Computer Interaction, Mobile Development, Digital Electronics, Discrete Math