**Patrick Myron**

www.patmyron.com

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www.github.com/patmyron

**Education University of Notre Dame** Notre Dame, IN

Bachelor of Science in Computer Science May 2017

**EXPERIENCE Amazon Web Services**  Seattle, WA

*Software Development Engineer*  Aug 2017 –

*Software Development Engineer Intern* May – Aug 2016

* Designed and developed an end-to-end service in Java to allow AWS accounts to verify ownership of their primary email addresses

**Greenlee Textron**  Rockford, IL

*Software Engineering Intern* Jun – Aug 2015

* Developed an Android application to retrieve real-time physical data from electrical cable pulls via Bluetooth and share the data via email
* Expanded the embedded C codebase to control two new products, an electric pipe bender and an automated rope spooler

**Projects** [**Dribblr Mobile Application**](http://www.patmyron.com/dribblr-demo)

* Developed an Android and iOS application to organize pickup sports games
* Integrated Google Maps, Facebook, and Parse

[**Raise.com Chrome Extension**](http://www.patmyron.com/raise-extension)

* Developed a Chrome Extension to help save money while shopping online by linking the best discounted electronic gift card on Raise.com
* Reached 500+ weekly active users

**[High School Sports Statistics Website](http://www.patmyron.com/wpial)**

* Scraped data from site using Jsoup library, analyzed in Java, and wrote to HTML files
* Takes multiple inputs and uses JavaScript to display desired statistics
* Generated 10,000+ page views

**Research Department of Computer Science and Engineering** Notre Dame, IN

*Undergraduate Researcher*2014 – 2016

* Designed and prototyped a solar-powered device to prevent predators from attacking livestock, especially in rural areas in Africa
* Programmed Arduino with connected sensors to detect predators during the nighttime and activate LED lights and speakers to ward off the predator

**Skills** Significant experience: Java, Android

Moderate experience: HTML, CSS, JavaScript, Unix, C++, iOS (Swift)

**Activities Notre Dame Computer Club, Vice President** 2015 – 2016

* Created and maintained all websites and organized all club events

**Notre Dame Four Horsemen Society, IrishHacks Chair** 2015 – 2016

* Organized both hackathons in conjunction with the sponsors and facility managers

**Awards 2nd place – Notre Dame App Demo Competition** 2016

**Prize winner – Notre Dame Hackathon** 2015

**Prize winner – HackIllinois** 2015

**Finalist – ACM ICPC Regionals** 2014