**Patrick Myron**

www.patmyron.com

pmyron@nd.edu

412-862-1729

www.github.com/patmyron

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

Bachelor of Science in Computer Science May 2017

**EXPERIENCE Amazon**  Seattle, WA

*Software Development Engineer Intern* May - Aug 2016

**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**

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

**Raise.com Chrome Extension**

* Developed a Chrome Extension to help save money while shopping online by linking the best discounted gift card on Raise.com

**High School Sports Statistics Website**

* Scraped data from local website using Jsoup API
* Analyzed data in Java and wrote statistics 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*2015 - 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, C++

Moderate experience: HTML, CSS, JavaScript, Unix, C, iOS

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

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

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

**Awards Prize winner – Notre Dame Hackathon**,selected by AT&T2015

**Prize winner – HackIllinois**,selected by Saurik 2015

**Top 10 / 140+ teams – ACM ICPC Regionals** 2014