Patrick Myron

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| **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&T — 2015
Prize winner – HackIllinois, selected by Saurik — 2015
Top 10 / 140+ teams – ACM ICPC Regionals — 2014