Patrick Myron

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EDUCATION	**University of Notre Dame**	Notre Dame, IN
	Bachelor of Science in Computer Science	2017

EXPERIENCE

Amazon Web Services — Seattle, WA

Software Development Engineer — 2017 – 2018
- Collaboratively designed and developed a new platform for internal AWS service teams to manage AWS accounts' limits

Software Development Engineer Intern — 2016
- Designed and developed an end-to-end service in Java to allow AWS accounts to verify ownership of their email addresses

Greenlee Textron — Rockford, IL

Software Engineering Intern — 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 codebase to control new products, including an electric pipe bender and an automated rope spooler

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

PROJECTS

Dribblr Mobile Application
- Developed native Android and iOS applications to organize pickup sports games
- Integrated Google Maps, Facebook, Parse, and Firebase

Raise.com Chrome 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
- 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

SKILLS

Significant experience: Java, Android, AWS
Moderate experience: HTML, CSS, JavaScript, Python, Unix, C++, iOS (Swift)

ACTIVITIES

Notre Dame Computer Club, Vice President — 2015 – 2016
- Created and maintained all websites and organized all club events
- Organized both hackathons in conjunction with the sponsors and facility managers

AWARDS

2nd place – Notre Dame App Demo Competition	2016
Prize winner – IrishHacks, HackIllinois	2015
Finalist – ACM ICPC Regionals	2014