

Patrick Myron

patmyron.com

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github.com/patmyron

EDUCATION	University of Notre Dame Bachelor of Science in Computer Science	Notre Dame, IN 2017
EXPERIENCE	Microsoft <i>Software Engineer</i>	Pittsburgh, PA 2018 –
	Amazon Web Services <i>Software Development Engineer</i>	Seattle, WA 2017 – 2018
	<ul style="list-style-type: none">Collaboratively designed and developed a new platform for internal AWS service teams to manage AWS accounts' limits <i>Software Development Engineer Intern</i>	2016
	<ul style="list-style-type: none">Designed and developed an end-to-end service in Java to allow AWS accounts to verify ownership of their email addresses	
	Greenlee Textron <i>Software Engineering Intern</i>	Rockford, IL 2015
	<ul style="list-style-type: none">Developed an Android application to retrieve real-time physical data from electrical cable pulls via Bluetooth and share the data via emailExpanded the codebase to control new products, including an electric pipe bender and an automated rope spooler	
RESEARCH	Department of Computer Science and Engineering <i>Undergraduate Researcher</i>	Notre Dame, IN 2014 – 2016
	<ul style="list-style-type: none">Designed and prototyped a solar-powered device to prevent predators from attacking livestock, especially in rural areas in AfricaProgrammed 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	
	<ul style="list-style-type: none">Developed native Android and iOS applications to organize pickup sports gamesIntegrated Google Maps, Facebook, Parse, and Firebase	
	Raise.com Chrome Extension	
	<ul style="list-style-type: none">Developed a Chrome Extension to help save money while shopping online by linking the best discounted electronic gift card on Raise.comReached 500+ weekly active users	
	High School Sports Statistics Website	
	<ul style="list-style-type: none">Scraped data from site using Jsoup library, analyzed in Java, and wrote to HTML filesTakes multiple inputs and uses JavaScript to display desired statisticsGenerated 10,000+ page views	
SKILLS	Significant experience: Java, Android, AWS Moderate experience: HTML, CSS, JavaScript, Python, Unix, C++	
ACTIVITIES	Notre Dame Computer Club, Vice President	2015 – 2016
	<ul style="list-style-type: none">Created and maintained all websites and organized all club eventsOrganized both hackathons in conjunction with the sponsors and facility managers	