

Patrick Myron

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EDUCATION	University of Notre Dame Bachelor of Science in Computer Science	Notre Dame, IN May 2017
EXPERIENCE	Greenlee Textron <i>Software Engineering Intern</i> <ul style="list-style-type: none">Solely developed an Android application to retrieve real-time physical data from electrical cable pulls via Bluetooth and share the data via emailExpanded the embedded C codebase to control two new products, an electric pipe bender and an automated rope spooler	Rockford, IL Jun - Aug 2015
PROJECTS	Dribblr <ul style="list-style-type: none">Android application to organize pickup sports gamesGoogle Maps, Facebook, and Parse integrationiOS version in development High School Sports Statistic Website <ul style="list-style-type: none">Scraped data from local website using Jsoup APIAnalyzed data in Java and wrote statistics to HTML filesTakes multiple inputs and uses JavaScript to display desired statistics10,000+ page views Slime Volleyball Game <ul style="list-style-type: none">Collaborative final project for Fundamentals of Computing courseWritten in C utilizing X11 graphicsMultiplayer game reading several simultaneous keyboard inputs	
RESEARCH	Department of Computer Science and Engineering <i>Undergraduate Researcher</i> <ul style="list-style-type: none">Worked in a team to design and prototype 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 lights and speakers to ward off the predator <i>Undergraduate Researcher</i> <ul style="list-style-type: none">Conducted computational experiments to detect influence attacks on RedditIntegrated the code into an existing Chrome extension, Reddit Enhancement SuiteDetermined database schema and implemented initial table using MySQL	Notre Dame, IN Aug - Dec 2015 Jan - June 2014
SKILLS	Significant experience: Java, C++, Android, HTML, C Moderate experience: Unix, JavaScript, CSS, iOS, MySQL	
ACTIVITIES	Notre Dame Computer Club, Vice President Notre Dame Four Horsemen Society, IrishHacks Chair <ul style="list-style-type: none">Organized both hackathons in conjunction with the sponsors and facility managers	2013– 2015–
AWARDS	Notre Dame Hackathon – Prize winner, selected by AT&T HackIllinois – Prize winner, selected by Saurik ACM ICPC Regionals – Top 10 finish out of 140+ teams	2015 2015 2014