KATHERINE SHIRO

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TECHNICAL SKILLS
· **Strong:** HTML, CSS, JavaScript, jQuery, MySQL, Bootstrap, Materialize, Node.js/Express, GitHub, Heroku
· **Experienced:** Handlebars, MongoDB, ReactJS, Sequelize, Firebase, Mongoose, Python, Django

APPLICATIONS DEVELOPED
Edu-Care live | github
Full-Stack Developer
· Platform designed to connect professionals wanting to volunteer in schools to teachers and classrooms in need
· Developed using HTML5, CSS3, Materialize, and Handlebars for UI design and mobile responsiveness, JavaScript, and jQuery for event handlers and to make AJAX calls, and Node.js, Express, MySQL, and Sequelize ORM for server-side functionality

Assign-It live | github
Full-Stack Developer
· Created to aid teachers in differentiation, this application allows teachers to search for, assign, and manage online resources for students on an individual basis
· Developed using HTML5, CSS3, and Materialize for UI design, YouTube and Coursera APIs to provide academic content, and JavaScript, jQuery, and Firebase to manipulate and store data

PROFESSIONAL EXPERIENCE
McMaster-Carr Supply Company/ Elmhurst, IL   2015 - Present
Web Builder
· Build web presentations and filtering tools for mcmaster.com that facilitate ease of customer navigation and product selection, significantly impact sales for over 20,000 industrial products
· Acquire product knowledge at an accelerated pace, present and defend all design decisions to upper management, test and launch production-ready content to mcmaster.com
· Selected as 1 of 3 web troubleshooters out of 25 builders, responsible for investigating and solving department technological problems

DRW College Prep/ Noble Network of Charter Schools / Chicago, IL   2014 – 2015
11th Grade Math Teacher
College prep charter network that achieves unprecedented academic results with Chicago's low-income students
· Designed curriculum for and taught College Prep and Honors Algebra II to 120 11th grade students
· Led 11th grade students to achieve the 2nd highest growth in the Noble Network on the Quarter 1 Interim ACT Exam, and 3rd highest growth in the Noble Network on the Quarter 2 Interim ACT exam

University Heights Preparatory Academy / Teach For America / Indianapolis, IN   2012- 2014
High School Math Teacher / Corps Member
Selected from more than 47,000 applicants nationwide to serve in a highly acclaimed national service corps
· Wrote curriculum for and taught Algebra I and Geometry to 80 9th-12th students, classes composed of 20% special education and English language learner students
· Exceeded school goal by leading over 60% of students to pass the Algebra I Indiana State End-of-Course Assessment
· Selected from over 100 teachers as one of 6 semi-finalists for the Sue Lehmann Excellence in Teaching Regional Award

EDUCATION
Northwestern Coding Boot Camp / Chicago, IL   2016 - 2017
Full-Stack Web Development Certificate

Marian University / Indianapolis, IN   2012 –2014
Masters of Arts in Teaching, Cumulative GPA: 4.0/4.0

University of Illinois at Urbana-Champaign / Champaign, IL   2008 - 2012
Bachelors of Science in Architectural Studies, Cumulative GPA: 3.46/4.0

PERSONAL
I captain the women's ultimate frisbee club team Chicago Helix, enjoy water activities such as canoeing and kayaking, and like learning to use programs in the Adobe Creative Suite such as Photoshop and Illustrator.