

MARK BROWN

Industrial & Systems Engineer
Project Manager



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EDUCATION



Rochester Institute of Technology

Industrial & Systems Engineering B.S.
Journalism Minor
Graduation May 2019 | 3.05 GPA

RIT Outstanding Leadership Award 2016
Deans List
Student Gov. Interim Rep. Sen. KGCOE

EXPERIENCE



Project Manager & Engagement Manager at Indeed

Managed a diverse project portfolio for software, infrastructure, and engineering teams, totaling over \$2-million and 40 contractors. Scaled proper utilization of resources, alongside improving project value, velocity, and quality with Agile methodology. Drove company-wide efforts for software rollouts and adoption.

Co-Founder at Certainly Apps Inc. [CertainlyApps.com](https://certainlyapps.com)

Lead an entrepreneurial/start-up team developing mobile geolocation aggregation software. This venture aimed to reduce food waste and hunger in multiple cities. Lead software development (Java/Python/Flutter), managed finances, and objectives for the team.

Sr. Makerspace Lab Manager at The Construct @ RIT

Helped students pursue projects in electronics, programming, and rapid prototyping. Lead classes teaching proper machine usage and safety. Ran advertising and organizing outreach programs for the Simone Center. This included hardware & software prototyping, graphic design, and entrepreneurship mentoring.

Quality Engineering Intern at Dark Field Technologies

Designed, tested, and installed systems for in-line defect detection. Milestones included facility planning for new warehouse, doubling current detection ability, and working in industrial settings such as GM's facilities.

Manufacturing Engineer at Hz Innovations

Coordinated initial manufacturing for Wavio, a smart-home device offering in-home AI sound recognition. Worked negotiating manufacturing, prototyping, and making early phase development decisions.

Research Assistant at Lewis & Clark College Howard Hughes Medical Institute

Ran studies with children to study behavioral patterns and help in a research paper on 'The Theory of Mind'. Worked creating applications with friendly UI for young children and aided in data analysis.

LEADERSHIP & PROJECTS



President of Innovator's Hour Research Organization

Lead a school organization helping students advance ideas for innovative products or services. Connected students to resources and mentoring needed to bring their ideas into reality. RIT's largest think tank.

Creator and Lead of Design for Diversity

Created and lead a new campus-wide diversity event. The aim was to help students develop new products and services that would help bridge social barriers causing division among people.

IdeaLab Mentor: Medical Technology Design

Lead a team through a design-thinking product development project aimed to change the way people with muscle damage go through rehabilitation. Created a prototypes and worked with end-users in the field.

SKILLS



Engineering/Design Leadership
Python/Java/Flutter/Dart (iOS, Android, & Web)
Entrepreneurship
Fusion 360/Solidworks (CAD)
Portfolio & Engagement Management

Rapid Prototyping/3D Printing
Product Innovation
Engineering & Program Management
Adobe Illustrator & Photoshop
Operations Research