

# ELENA KUSIAK

## CONTACT

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**WEBSITE:**

www.ekusiak.com

## SKILLS

**SOFTWARE / DIGITAL**

Microsoft Office Suite:

- Word
- Excel
- PowerPoint

CAD:

- SolidWorks
- Inventor
- Fusion360
- NX

Adobe:

- Photoshop
- Illustrator
- InDesign
- After Effects
- Acrobat

MATLAB

KeyShot

HTML / CSS

Axure

InVision

**DESIGN**

Sketching

Ideation

Qualitative Research

Prototyping

## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY • MAY 2019**

Bachelor of Science in Mechanical Engineering, Minor in Industrial Design  
Graduated with Honors

**RELEVANT COURSEWORK**

Graphic and Visual Design • User Interface Design • Experiential Prototyping  
Human Factors in Design • Design Methods: User-Centered Design

## EXPERIENCE

**SERVICE DESIGN /UX INTERN • COX COMMUNICATIONS • MAY '18 – AUG. '18**

Assisted the Customer Experience team in the creation of new and enhanced experiences and service offerings

- Participated in qualitative design research to understand customer needs and identify customer and employee pain points and experience opportunities
- Applied user-centered design and service design tools and methods such as storyboards, blueprints, and service prototyping and testing

**ENGINEERING INTERN • GE APPLIANCES, ROPER CORP. • AUG. '16 – DEC. '16**

Assisted the Freestanding Electric Range division in the continuous improvement of models in production

- Proposed and led design changes responsible for \$70K annual savings
- Communicated with CAD drafters, quality technicians, suppliers and engineers
- Designed and conducted experiments, and performed data analysis using Minitab

**INTERN • FERGUSON MALONE ARCHITECTURE • MAY '14 – JUNE '14**

Assisted with architectural drafting in AutoCAD

## RESEARCH & INVOLVEMENT

**UNDERGRADUATE RESEARCH ASSISTANT • COGNITIVE ERGONOMICS LAB • AUG. '18 – APR. '19**

Supported the human factors lab in research regarding donning procedures in healthcare environments, and awareness of situational change

- Ran participants through experiments
- Created assets for studies
- Assisted with data collection, organization, and analysis

**UNDERGRADUATE RESEARCHER • I-NATURAL • JAN '16 – MAY '16**

Supported interdisciplinary team at Georgia Tech working to develop natural interaction between a child and a robot capable of creating painted artwork

- Designed and prototyped robot fixtures and components using Autodesk Inventor, 3D printers, and laser cutters