

# HOPE RACKERS

## INDUSTRIAL DESIGNER

### EDUCATION

- Georgia Institute of Technology - Atlanta, GA (2020-2024)  
*Bachelors of Science in Industrial Design*
- Psychology Minor
  - 4.00/4.00 GPA

### WORK EXPERIENCE

Industrial Designer (Independent Contractor) (June 2024 - Present)  
*URO-1 Medical, Inc. - Greensboro, NC*

- Conceptualized and developed form and ergonomics of biopsy device
- Communicated ideation to stakeholders through prototype modeling

Graphic Design Intern (May - August 2021)  
*Skipli - Atlanta, GA*

- Designed restaurant websites, logos, branding elements, animations, and video advertisements
- Collaborated with teams to create promotions to market services on social media platforms

Assembler and Designer (June - August 2018)  
*Automation Techniques, Inc. - Greensboro, NC*

- Used Autodesk Inventor software to create tool and fixture designs
- Created cables, assembled parts for various machines, used milling machines, and fabricated parts

### PROJECTS

Pre-Surgery Education and Medical Play for Children  
*Sponsor Company: Cognizant*

- Designed, coded, and modeled children's toy that prepares children ages 5-7 for surgery through educational medical play
- Conducted user research, interviewed child-life therapists, created concepts, worked with children's hospital, and tested & refined extensively

Product Ecosystem for AI Restaurant Management  
*Sponsor Company: NCR Voyix*

- Designed UX/UI interface and CAD modeled components for AI-powered restaurant solution to reduce task overload and enhance restaurant service
- Conducted extensive market research, trend analysis, restaurant visits, interviews, ideation, concepting, and testing to arrive at solution

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Location: Greensboro, NC

### AWARDS

- Stamps President's Scholarship (Merit-Based, Full-Ride)
- IDSA Merit Award Finalist
- 3rd place Humanitarian Design Award (2024 SID Georgia Tech)

### SKILLS

#### Software

- Adobe Creative Suite
- Figma
- Keyshot
- CAD (Inventor, Fusion 360, SolidWorks)
- Basic Programming

#### Modeling

- Vacuum Forming
- Laser Cutting
- Table/Miter/Band Saws
- 3D Printing
- CNC Machining
- Sewing
- Foam Form Modeling

#### Technical & Communication

- Ideation, Sketching, & Prototyping
- Digital and Physical Rendering
- Videography and Animation
- User-Centered Research
- Collaborative Design
- Design for Assembly & Manufacturing