

# Cole Anderson

## Product Design / UX Design / Interactive Design

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### EXPERIENCE

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#### Graduate Research Assistant / Safe Secure Elections Project Georgia Tech Atlanta, GA Aug 2020 - Present

- Conducted preliminary research & documentation for design solutions
- Created mobile mockups and interactive wireframes for iterative testing to ease the development time
- Designed visual presentations that enticed individuals into participating
- Co-Lead on software team in constructing a web/mobile application to better inform voters on location specific wait times

#### Frontend Software Engineer & UX Design Lead / Northrop Grumman Beavercreek, OH May 2019 - July 2020

- Spearheaded IA and workflow redesign on vehicle maintenance app
- Integrated Agile UX into software development process that lead to improved customer satisfaction and continued funding for project
- Established site wide project development UX protocols
- Leveraged usability tests and data analysis under restricted time constraints. Achieved a 33% time reduction in task completion
- Facilitated customer communication & feedback sessions
- Developed accessible annotation & search engine web apps

#### UX/UI Designer / Wisconsin Surgical Outcomes Research Program Madison, WI Jan 2018 - Oct 2018

- Designed & deployed responsive, complex patient health dashboard hi-fi prototype. Prototype is in the testing phases soon to be launched
- Observed & obtained data through contextual inquiries in medical setting
- Constructed work-flow diagrams, scenarios, storyboards & style guidelines
- Collaborated with team to design widgets, templates, and pages

#### Lab Researcher & Developer / Wisconsin Human-Computer Interaction Lab Madison, WI Jan 2015 - Dec 2017

- Analyzed data, reported results, and recommended actions to improve human robot interaction. Lead to improved familiarity and decreased the time to become comfortable with robot
- Developed software to improve robotic facial gestures
- Conducted user research & usability testing. Improved ease of use and reduced time for user to adjust to robotic interaction by 12%
- Mentored & trained 3 student researchers

### ACHIEVEMENTS

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- Nielsen Norman Group UX Certification
- 3 year Claude and Dora Richardson Scholarship recipient
- 2nd place in 2017 Intuit Case Competition
- Congressional Certificate of Merit 2014

### EDUCATION

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#### Georgia Institute of Technology

Aug 2020 - May 2022

M.S. in Human-Computer Interaction

#### University of Wisconsin-Madison

Sept 2014 - Dec 2018

B.S. in Computer Engineering

B.S. in Computer Science

GPA: 3.71/4.00 (Dean's List)

### SKILLS

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#### Design

Interaction Design	Prototyping
Interface Design	Wireframing
Data Visualization	Information-
Conversational Design	Architecture
Content Strategy	User Flow

#### Tools

Figma	InVision
Sketch	Miro
ProtoPie	Axure RP
Adobe CC	Gimp
Justinmind	Balsamiq

#### Languages

HTML	SQL
CSS	Python
Javascript	JSON
Angular	C
Java	Node.js

#### Research

Usability Testing	Personas
Interviews	A/B Testing
Heuristic Evaluation	Card Sorting
Affinity Mapping	Data Analytics

#### Interpersonal

Interdisciplinary -	Verbal -
Collaboration	Communication
Time Management	Presentation