Jack Towery
Developer, Designer, Researcher

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EDUCATION

B.S. in Computer Science
University of Georgia

🎓 *Expected Graduation: May 2020*   ⭐ GPA: 3.97
🎖️ *Certificate: New Media Studies*   🏛️ Honors Program Student

EXPERIENCE

Student Research Assistant
Georgia Tech Research Institute

📅 May 2017 - present   📍 Smyrna, GA

- Co-authoring a paper exploring 3D applications of Along-track Ambiguity to Signal Ratio in RADAR and SONAR
- Programming with MATLAB to implement GUIs and simulations
- Utilizing software on high-performance computing clusters

Communications Assistant
Northwest Family YMCA

📅 May 2013 - present   📍 Kennesaw, GA

- Designing graphics, flyers, and other advertisement and communication materials for programs and events
- Constructing weekly informational newsletters for ongoing events
- Coordinating text & automated phone updates for upcoming events

COMMUNITY SERVICE

Merchandise Chair, Executive Board
UGA Miracle at the University of Georgia

📅 Mar. 2018 - Feb. 2019   📍 Athens, GA

- Managed a team of graphic design and MIS students to create, sell, and distribute merchandise
- Designed and maintained organization website and online store

Media Graphics Coordinator
UGA Miracle at the University of Georgia

📅 Aug. 2016 - Feb. 2018   📍 Athens, GA

- Managed a team of graphic designers to design advertisement materials and maintained the website
- Directed photography at various events

CERTIFICATIONS

Department of Defense Security Clearence
Google Analytics Individual Certification

SUMMARY

I believe in user-centered, accessible design that protects everyone's rights to be a citizen of our digital society.

SKILLS

Programming Languages

`HTML` `CSS / SASS` `JavaScript` `jQuery` `Vue.js` `PHP` `MySQL` `Python` `Swift` `Java (Android)` `C++` `Julia` `LaTeX` `R`

Software

Adobe Creative Suite
Excellent

XCode (Swift)
Intermediate

Android Studio
Intermediate

MATLAB
Advanced

Git (GitHub & Bitbucket)
Intermediate

Microsoft Office Suite
Advanced

Other Skills

`Bootstrap` `Bulma` `Node.js` `noSQL` `SQLite` `JSON` `Google FireBase` `Linux OS` `Stripe Payments` `Squarespace` `Photography`

AWARDS & HONORS

🏅 *Presidential Scholar*
University of Georgia
2019, 2018, 2017, 2016

🏅 *Best UX Award*
HackNC 2019, UNC Chapel Hill
2019 | Awarded to the project with the best UX design out of 80+ teams