

JACK TOWERY

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Permanent Address:

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Current Address:

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Athens, GA 30606

EDUCATION

THE UNIVERSITY OF GEORGIA

Athens, GA, 30609

Major: Computer Science & New Media Certificate, Expected May 2020

Current GPA: 3.97/4.0

Zell Miller Scholarship Recipient, Honors Program Student, Presidential Scholar

RESEARCH EXPERIENCE

GEORGIA TECH RESEARCH INSTITUTE

Sensors and Electromagnetic Applications Laboratory - Smyrna, GA 30080

STUDENT RESEARCH ASSISTANT (January 2016 - April 2016)

» Conducted research concerning the application of image recognition and classification algorithms to sea-floor detection of naval mines using sonar

» Co-authored a paper exploring applications of image recognition and classification algorithms

STUDENT RESEARCH ASSISTANT (May 2017 - Present)

» Programming with MATLAB software to implement a GUI to control a simulated underwater environment

» Co-authoring a paper exploring a 3D application of Along-track Ambiguity to Signal Ratio in sonar/radar

» Working with simulation software on high-performance computing clusters

OTHER EXPERIENCE

NORTHWEST FAMILY YMCA

Kennesaw, GA 30152

OFFICE CLERK (2013 - 2018)

» Managed spreadsheets, participant data, medical documents, revenue and registration details

GRAPHIC DESIGNER & PHOTOGRAPHER (2013 - 2018)

» Designed flyers and other advertisement materials for various programs and events

COMMUNICATIONS (2018 - present)

» Constructing weekly & monthly informational newsletters for ongoing events

» Coordinating text & automated phone updates for upcoming events

UGA MIRACLE

Athens, GA 30609

MEDIA GRAPHICS COORDINATOR (2017 - 2018)

» Managed a team of graphic designers to design advertisement materials and maintained the website

» Directed photography at various events

MERCHANDISE CHAIR (2018 - 2019)

» Managed a team of graphic design and MIS students to create, sell, and distribute merchandise

» Designed and maintained organization website and online store

SKILLS

GRAPHIC DESIGNING: Adobe Illustrator, InDesign, Photoshop, Lightroom, Premiere Pro, AfterEffects, Acrobat, Audition

MOBILE/WEB DEVELOPMENT: Java, Swift, HTML, CSS/SASS, JavaScript, PHP, MySQL, Xcode, Android Studio

RESEARCH: MATLAB, R, Julia, Python, C++, LaTeX

OFFICE SUITE: Microsoft Word, PowerPoint, Excel, and Publisher

CERTIFICATIONS

Google Analytics Individual Certification - March 2019