

CATHERINE JONES

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EDUCATION

MEREDITH COLLEGE

B.S. in Computer Science with minors in Graphic Design and Mathematics

Graduated: August 2019

SUMMARY

A creative and detail-oriented recent graduate with academic and industry experience in UI development and UX design. Passionate about problem solving and combining functionality with beautiful layouts.

TECHNICAL SKILLS

- Frontend Development: HTML, CSS, Sass/Less, React.js, Angular, Bootstrap, JavaScript, jQuery
- Design: Adobe Suite (Adobe Illustrator, Photoshop, and InDesign), Sketch, Invision, Maya
- Data Analysis: Python, C++

RELEVANT EXPERIENCE

USER INTERFACE ASSOCIATE DEVELOPER

SAS Institute

2020-2021

- Developed in Angular to create common components based on design briefs, and tested them using Protractor's end-to-end testing framework

USER INTERFACE INTERN

Ansible, RedHat

Summer 2019

- Worked on GitHub issues to address bugs and features for the in-development React.js version of the Ansible UI
- Utilized React and environment tools such as Docker and GCloud, as well as a UI/UX design framework (Patternfly) to build and edit components based on the UX Brief

TECHNOLOGY DEVELOPMENT PROGRAM INTERN

Optum, United Health Group

Summer 2018

- Worked efficiently in an Agile Team workflow to brainstorm, create mockups for, and finally develop a web application which was presented in a shark tank-style stakeholder meeting and then ranked in the overall top three products for all intern teams
- Created a responsive front end by utilizing Bootstrap, HTML & CSS, and JavaScript components, while ensuring an easy-to-navigate flow between pages
- Designed wireframes that determined the functionality in the web app using Sketch, and designed the UX flow using Craft by Invision to connect the wireframes
- Developed a plan to market the product by conducting user research on competitors and our target audience, and then developed a presentation to market our potential to stakeholders on a biweekly basis

STUDENT RESEARCHER

Web and Mobile Applications REU, University of North Texas

Summer 2017

- Utilized C++, Python, and MATLAB to create and implement a deep neural network over encrypted data
- Contributed research to published paper, "[Privacy-preserving Machine Learning in Cloud](#)"

TECHNOLOGY SERVICES HELPDESK STAFF

Student Training and Technology (STAT) Team in Technology Services, Meredith College

Fall 2016-Spring 2017

- Supported the department's outreach efforts through social media and website management by marketing our events with ad campaign, flyers, web banners, custom email designs, and newsletters designed in Adobe InDesign and Illustrator

HONORS AND AWARDS

- Eleanor Reuer Award for art piece "Sous la Mer", Meredith College Annual Juried Art Exhibition, 2019
- 1st Place, Vivian Kraines' Mathematics Competition at Meredith College, 2015 & 2016
- Silver Shield Honors Society Nominated Member for Fall 2018
 - One of three students from Meredith College's junior class chosen for this service-based honor