Emelia Hughes

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EDUCATION

University of Washington, Information School
Aug 2018 - Jun 2022

- Bachelor of Science in Informatics, Human-Computer Interaction
- Bachelor of Arts in Art with Honors, Drawing & Painting
- GPA: 3.7, Dean's List - 6 quarters
- 2021-2022 Priscilla and Melvin Wilson Scholarship, 2x Husky 100 nominee

WORK EXPERIENCE

Social Futures Lab *Undergraduate Researcher*
Aug 2020 - Present

- Lead project funded by WikiCred to develop novel methods of combating misinformation on YouTube
- Conducted contextual-inquiry interviews to evaluate current user wants and needs surrounding credibility
- Developed YouTube extension from design to implementation, employing Adobe XD and React JS

Center for an Informed Public *Undergraduate Researcher*
Jan 2021 - Present

- Collaborated with cross-disciplinary researchers on a project analyzing the #SaveTheChildren hashtag and movement on Instagram in relation to QAnon
- Developed qualitative code-book to analyze over 2,000 applicable social media posts

Adobe *Research Intern*
Jun 2021 - Sept 2021

- Developed user experience for artists with visual impairments to navigate canvas-based applications
- Conducted background research to use current working methods to design novel accessibility tool
- Conveyed key findings and results to a wide audience of company stakeholders
- Implemented iPad prototype using Swift
- Patent application in progress

PROJECT EXPERIENCE

Advanced Robotics at the University of Washington

President
Aug 2021 - Present

- Managed a team of over 75 students in preparation for yearly RoboMaster competition in Shenzhen, China
- Coordinated financial tracking, season scheduling, and competition organization
- Delegated major projects with sub-team leadership using Agile workflow, increasing efficiency and reducing build-time
- Advocated on behalf of the club with university representatives, competition officials, and external contacts
- Redesigned recruitment and application process to be more equitable, tripling membership of under-represented students in engineering

Vice President
Aug 2019 - Aug 2021

- Guided team to becoming the 2021 North American RoboMaster Champions
- Oversaw project-management of design, build, and refinement of robots
- Acquired monetary and material sponsorships from companies

Controls Team Member, PR Manager
Sept 2018 - Aug 2019

- Designed and deployed new website
- Developed new cross-platform social media campaigns
- Created an anti-slip turning algorithm for autonomous robot

TEDxUofW *UI/UX Designer*
Sept 2020 - Jun 2021

- Collaborated with a team of designers on consistent branding across social media, logo, and website
- Redesigned the UI and UX of the website using rapid prototyping, wireframing, and high-fidelity prototypes
- Coordinated with members of other sub-teams on deadlines and needs for design

PUBLICATIONS

Hughes, Wang, Juneja, Mitra, Zhang: *Introducing Credibility Signals and Citations to Video-Sharing Platforms*, ICWSM 2021 Workshop Paper

Moran, Prochaska, Schlegel, **Hughes**, Prout: Misinformation or Activism: *Mapping Networked Moral Panic Through An Analysis of #SaveTheChildren*, AoIR 2021 Selected Paper