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EDUCATION

Ph.D. in Information Science
Syracuse University, 2019

B.S. in Informatics:
Human-Computer Interaction
University of Washington, 2013

SKILLS

Web Development

Front-End: HTML, CSS, JS
Databases: MySQL, MongoDB
Programming: Python, Java

User Experience Design

Graphics: Photoshop, Illustrator
Diagramming: Visio, Lucidchart
Wireframing: Figma, Balsamiq

Data Science

Statistical Analysis: R
Qualitative Analysis: Atlas.ti, NVivo
Visualization: Tableau, PowerPivot

Project Management

Tracking: Asana, Jira, MS Project
Productivity: Zapier, Trello, Buffer
Communication: Slack, Basecamp

SERVICE

Reviewer, 2018

Association Computing Machinery

Senior Editor, 2017

Syracuse ALINE Magazine

Ambassador, 2016

White House Initiative on APIs

Commissioner, 2011

City of Seattle Tech. Advisory Board

HONORS

Balfour Foundation Fellow, 2016

Mortar Board Fellow, 2015

McNair Graduate Fellow, 2013

Boeing Diversity Scholar, 2012

Phi Beta Kappa Inductee, 2011

Gilman International Scholar, 2010

BRYAN DOSONO

EXPERIENCE

Doctoral Researcher

Syracuse University, 2014 – Present

- › Examined subset of 72,000+ Reddit comments via social network analysis for dissertation pilot study on collective action in online communities
- › Guided interview study of deliberation practices of 20 Reddit moderators to generate insights in building online platforms for sustainable volunteerism

Virtual Student Federal Service Research Intern

National Aeronautics and Space Administration, 2018 – Present

- › Distilled digital transformation literature into key themes for classification system and visualized findings for influencing agency's digital strategy
- › Conducted latent semantic analysis to unearth relationships between sets of documents, terms, and concepts within corpus of collected reports

User Experience Research Ph.D. Intern

Airbnb, 2018

- › Synthesized intercept survey (n=2,675) and remote interview (n=9) data to inform Trust Team on users' security perceptions of shared accounts
- › Tested usability of identity verification flow with 25 hosts and guests to uncover points of friction in reviewing and restoring locked accounts

Research Advisor

iSchool Inclusion Institute, 2016 – 2018

- › Mentored team of 3 junior researchers to transcribe audio recordings, code qualitative data for content analysis, and cluster themes in year-long study
- › Structured new syllabus and curriculum to introduce programming via Python and Scratch for cohort of 25 underrepresented college students

Director of Communications

Lambda Phi Epsilon International Board, 2016 – 2018

- › Increased brand followership on Instagram (308%) & Facebook (122%) in 12 months by launching seasonal contests to engage active membership
- › Integrated Google Analytics conversion tracking to MailChimp campaigns; yielded 96% click-through rate for semesterly dues collection statements

Director of Technology

National Asian Pacific Islander Panhellenic Association, 2014 – 2016

- › Moderated card sorting usability tests and heuristic evaluations among 7 domain experts to optimize sitemap and implement mobile-first web design
- › Created style guide and ancillary brand collateral to standardize cohesive visual identity, voice, and tone across 18 constituent organizations

Google Policy Fellow

New America Foundation Open Technology Institute, 2013

- › Evaluated survey data on virtual private network use among 180+ DC library patrons to critique FTC's security advice for Internet consumers
- › Composed think piece on scaling E-Rate Program to gigabit speeds in K-12 classrooms in response to FCC's notice of proposed rulemaking