>_ Expanding Computational Communication: Towards a Pipeline for Graduate Students and Early Career Scholars

Josephine Lukito, Nate TeBlunthuis, & Frederic R. Hopp

SCHOOL OF JOURNALISM AND MASS COMMUNICATION

UNIVERSITY of WASHINGTON

UC SANTA BARBARA
DEPARTMENT OF COMMUNICATION

>_ docker run introduction

$ Name, school, & department
$ Research interests
$ Coding experience
$ Motivation to join preconference
$ Favorite finding outside your field?

>_ Computational Methods Interest Group

Mission

- $ Increase accessibility to computational methods
- $ Open Science, replicability, & reproducibility
- $ Risky research & appreciation of null findings

New journal: Computational Communication Research (CCR)

- $ Open access journal for the advancement of CCR
- $ Application of CM, development of CM, open data sharing

Scan *QR* code to access the CCR website

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ICA Panels I

- $ Computational approaches to political communication *(25-May-2019 11:00 AM-12:15 PM, Morgan (Washington Hilton, Lobby Level))*
- $ Applying computer vision in communication research *(25-May-2019 2:00 PM-3:15 PM, Morgan (Washington Hilton, Lobby Level))*
- $ Network dynamics on social media *(25-May-2019 3:30 PM-4:45 PM, Oaklawn (Washington Hilton, Lobby Level))*
- $ Inductive and deductive methods for text analysis *(26-May-2019 8:00 AM-9:15 AM, Van Ness (Washington Hilton, First Floor))*
- $ Combating misinformation *(26-May-2019 9:30 AM-10:45 AM, Columbia 6 (Washington Hilton, Terrace Level))*
- $ Reflections on computational communication research *(26-May-2019 11:00 AM-12:15 PM, International Ballroom – East (Washington Hilton, Concourse Level))*
- $ Beyond text analysis: Combining text, network, and image analysis techniques *(27-May-2019 8:00 AM-9:15 AM, International Ballroom – Center (Washington Hilton, Concourse Level))*

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ICA Panels II

- $ Computational approaches to health communication *(27-May-2019 9:30 AM-10:45 AM, Holmead (Washington Hilton, Lobby Level))*
- $ Computational methods tool demonstration *(27-May-2019 11:00 AM-12:15 PM, Kalorama (Washington Hilton, Lobby Level))*
- $ Computational methods interactive poster session *(27-May-2019 12:30 PM-1:45 PM, International Terrace (Interactive Posters) (Washington Hilton, Terrace Level))*
- $ Computational approaches to mobile communication *(28-May-2019 8:00 AM-9:15 AM, Columbia 9 (Washington Hilton, Terrace Level))*
- $ Simulation studies of communication *(28-May-2019 9:30 AM-10:45 AM, Kalorama (Washington Hilton, Lobby Level))*
- $ Trolls, face accounts, and censorship *(28-May-2019 11:00 AM-12:15 PM, Monroe (Washington Hilton, Concourse Level))*

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Future Research Directions

- $ Computational modeling of naturalistic behavior
- $ Natural language understanding/generation
- $ Computer vision of audiovisual content

>_ Preconference

Rationale

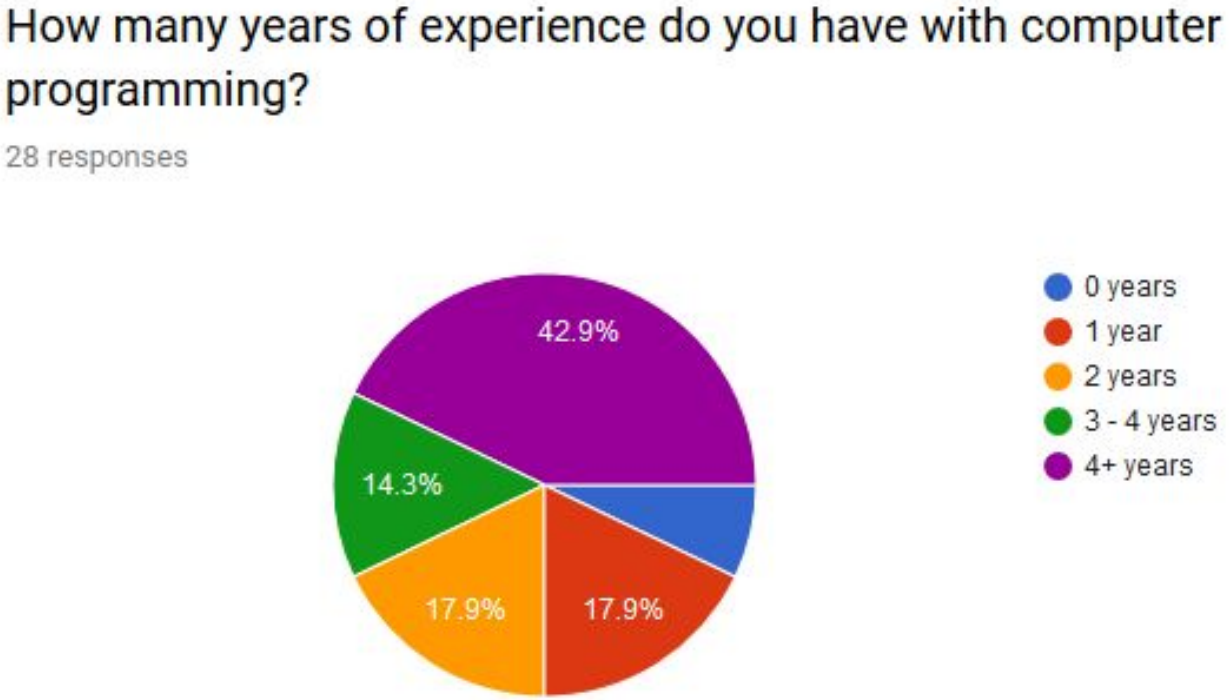
$ Introduction of graduate students and early career scholars to CM and CCR

$ Whirlwind tour of common tools and analysis pipelines

$ Challenges and opportunities when teaching and conducting CCR

$ Networking and sustained impact

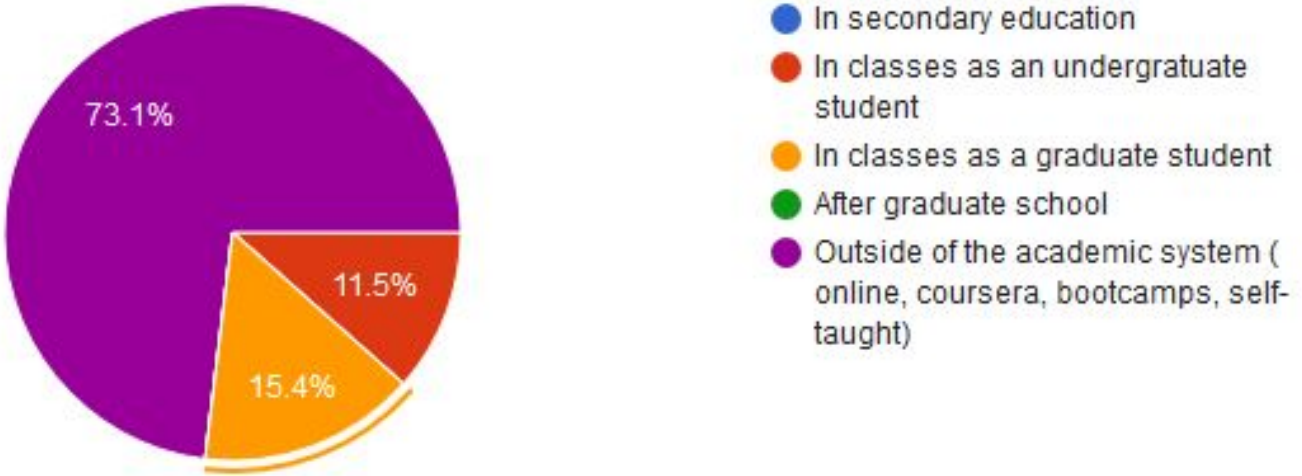
>_ Preconference - Survey Results



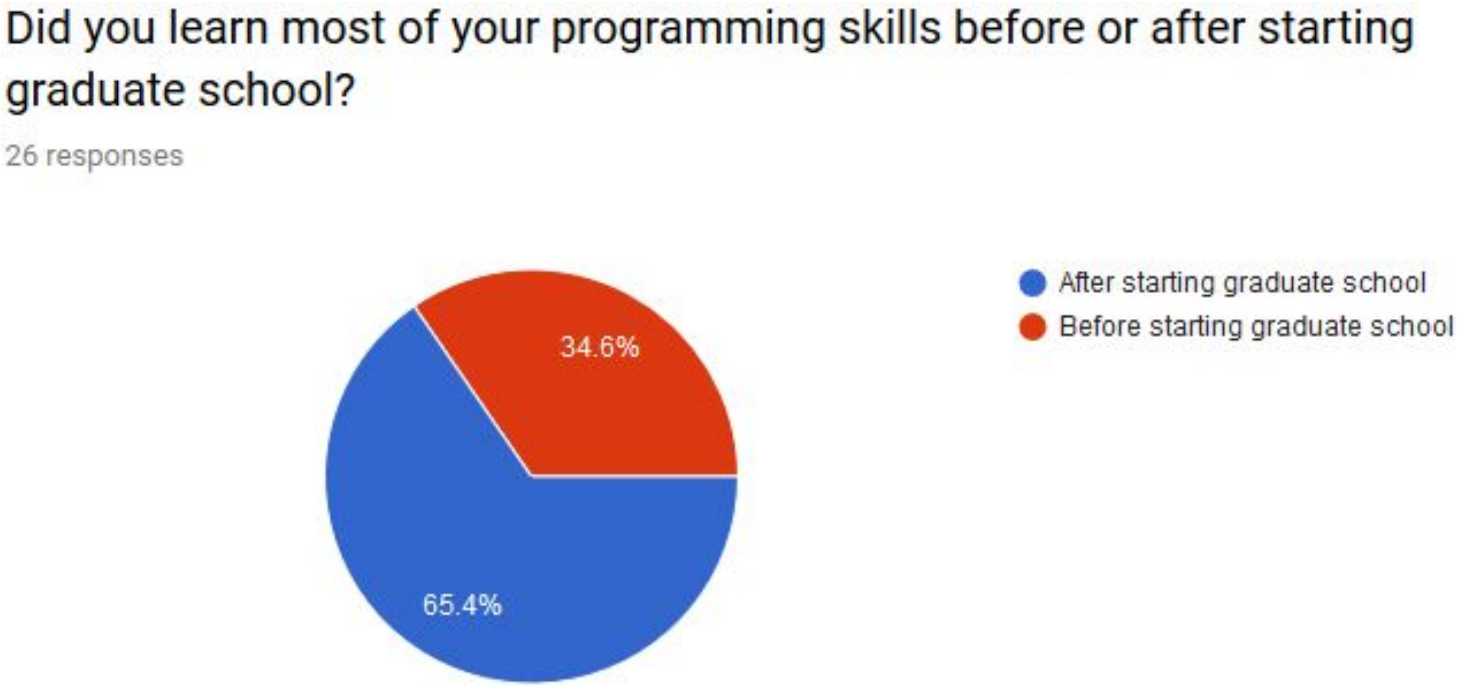
>_ Preconference - Survey Results

When did you learn most of your programming skills?

26 responses



>_ Preconference - Survey Results



>_ Preconference - Survey Results - Challenges

Lack of in-house training

Place of CM in the bigger “picture”

Explaining methods to reviewers

Institutional incentives for learning how to use computational methods

Learning the “right” way?

Too much focus on cool tools & missing of theory-driven questions

>_ Preconference

Time	Topic	Speakers
8:30 - 9:00	Breakfast and Introductions	
9:00 - 10:00	*Identity* Introducing the Computational Methods Interest Group	Josephine Lukito Nate TeBlunthuis Frederic Hopp
10:00 to 11:15	*Learning to Code* Becoming a Computational Communication Scholar Teaching Programs	Fabienne Lind Hajo Boomgaarden Michael Scharkow
11:15 to 12:15	*Technical Considerations* State-of-the-art Text Processing Science versus Engineering	Kasper Welbers Frederic Hopp
12:15 to 13:30	Lunch	
13:30 to 14:30	*Theory and Computation* Organizational Communication Framing & Agenda-Setting Partisan Bias in Media Use	Nate TeBlunthuis Jeremy Foote Josephine Lukito JungHwan Yang
14:30 to 16:00	*Breakout Session* Building the Pipeline	
16:00 to 16:30	*Closing Remarks*	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Thank you!


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