Souti Chattopadhyay

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My work is focused around creating an understanding of how humans contextualize consumed information when interacting with interfaces, especially when developing software. With this understanding, I aim to make development tools more assistive and accessible to augment human intelligence in real time.

Education

2016 - Present **Doctorate of Philosophy,** *Computer Science*, Oregon State University, Corvallis, Oregon. Concentration: *Human-Computer Interaction*, Advisor: *Anita Sarma.* GPA: 4.0.

2012- 2016 **Bachelor of Technology,** Electronics and Communication Engineering, Institute of Engineering and Management, Kolkata, India. GPA: 3.65.

1998-2012 **Indian School Certificate,** St. Stephen's School, India. GPA: 91.42%.

Publications

[■C2]   **Souti Chattopadhyay**, Nicholas Nelson, Yenifer Ramirez, Annel Amelia Leon, Rahul Pandita, Anita Sarma. *Latent Patterns in Activities: A Field Study of How Developers Manage Context.* Accepted. International Conference on Software Engineering (ICSE Technical Track) 2019, Montréal, Canada, May 25-31, 2019.

[■C1]   Rafael Leano, **Souti Chattopadhyay**, Anita Sarma. *What makes a task difficult? An Empirical Study of Perceptions of Task Difficulty.* IEEE Symposium on Visual Languages and Human-Centric Computing , October 2017.

[■W1]   **Souti Chattopadhyay**, Nicholas Nelson, Thien Nam, McKenzie Calvert, Anita Sarma. *Context in Programming: An Investigation of How Programmers Create Context.* 2018 IEEE/ACM 11th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE'18), May 2018.

Skills

User Research	User Experience Research, Empirical Research, Inclusive Design, Mixed Methods
Programming	Python(Intermediate), Java Script(Basic)
Data Analysis	Statistics, SQL

Experience and Service

2016 - Present **Graduate Research Assistant (GRA),** Oregon State University. Advisor: Dr. Anita Sarma.

2018 **Mentor,** [Saturday Academy's Apprenticeships in Science & Engineering 2018, University of Portland](), (Summer 2018) mentoring High School Student(s) to experience research in the field.

2018 **Student Volunteer,** 40th International Conference on Software Engineering, May 27 - 3 June 2018, Gothenburg, Sweden.

2018 **Attendee,** Computing Research Association for Women (CRA-W), Grad Cohort for Women 2018, San Francisco, April, 2018.

2018 **Reviewer,** The 33rd IEEE/ACM International Conference on Automated Software Engineering (ASE), Montpellier, France, September 3 to 7, 2018.

2017 **Reviewer,** 32nd IEEE/ACM International Conference on Automated Software Engineering (ASE), Urbana-Champaign, Illinois.

2016 - 2017 **Graduate Teaching Assistant (GTA),** Oregon State University. CS325 - Algorithms (Fall 2016, Winter 2017), CS391 - Social and Ethical Issues in Computer Science (Spring 2017)

Coursework

Spring 2018 **CS565:** Human Computer Interaction, Oregon State University.
Professor: *Margaret Burnett*

Spring 2017 **CS560:** Empirical Methods of Software Engineering, Oregon State University. Professor: *Anita Sarma*

Spring 2017 **ST 512:** Methods of Data Analysis, Oregon State University.
Professor: *Claudio Fuentes*

Winter 2017 **CS569:** Empirical Lab Studies of Software Development, Oregon State University.
Professor: *Anita Sarma*

Winter 2017 **ST 511:** Methods of Data Analysis, Oregon State University.
Professor: Sarah Emerson

Fall 2016 **CS519:** Research Methods in HCI: Inclusive Design, Oregon State University. Professor: *Margaret Burnett*