

Tahir H. Butt

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Education

Doctoral candidate in Urban Education, The Graduate Center at the City University of New York, New York NY 2011–Present.

Dissertation: Free Tuition and Access at the City University of New York, 1957-1976

Advisor: Stephen Brier

Doctoral student in Cognitive and Linguistics Sciences, Brown University Providence, RI 2002–2004.

Bachelors of Arts in Cognitive Science and Mathematics, Johns Hopkins University Baltimore, MD 1998–2002.

Teaching

Computing Concepts Pilot at The Macaulay Honors College New York, NY, Teaching Assistant, Winter 2016.

Supported visiting professor Zachary Dodd of Harvey Mudd College in an intensive 3-week pilot course for non-computer science majors to be introduced to computing through the Python programming language.

The Macaulay Honors College New York, NY, Instructional Technology Fellow, Fall 2013–Present.

Responsible for supporting faculty and students in integrating technology into curriculum and student projects, using a Wordpress platform for developing course websites along with other open-source software.

Political Science department at Brooklyn College Brooklyn, NY, Graduate Teaching Fellow, Fall 2012–Spring 2013.

Professional

Amplify Brooklyn, NY, Software Engineer, 2005–Present.

Data engineer for product development 2011–Present (Part-time).

Software engineer for classroom tools and school reporting systems 2005–2011.

Fellowships and awards

Digital Fellow, Graduate Center Digital Initiatives at the Graduate Center of CUNY New York, NY. Fall 2016–Present

Instructional Technology Fellow, Macaulay Honors College CUNY New York, NY. Fall 2013–Present

Advanced Research Collaborative Student Fellow, CUNY Graduate Center New York, NY. Fall 2013–Spring 2014

Enhanced Chancellor Fellow, CUNY Graduate Center New York, NY. Fall 2011–Spring 2012

National Science Foundation IGERT Graduate Training Fellowship, Brown University Providence, RI. 2002–2004

Technical Skills

Proficiency in application development with Python

Proficiency in data analysis with Python, R, and SQL

Proficiency in web programming using Javascript, PHP, HTML5, and CSS