

# Patrick Smyth CV

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## EDUCATION

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Ph.D. in English, Graduate Center of the City University of New York (CUNY), 2021  
Faculty Award for Most Distinguished Dissertation of 2021

Double B.A. in English and German Literature, Kenyon College, Ohio  
magna cum laude, 2009  
Highest Honors in English (Honors thesis)

Certified Instructor, [Software Carpentry](#), 2017

Certificate, [Interactive Technology and Pedagogy \(ITP\)](#), 2016

## POSITIONS

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Chief Learner / Principal Consultant

[Iota School](#)

January 2022 — present

[Client List](#)

Postdoctoral Fellow in Humanities Entrepreneurship

[Publics Lab](#)

The Graduate Center, CUNY

August 2021 — August 2022

Program Coordinator, [Foundations for Research Computing](#)

Columbia University

January 2019 — August 2021

Advisor, [MA Program in Digital Humanities](#)

The Graduate Center, CUNY

September 2017 — December 2018

Lead Curriculum Designer, Digital Humanities Research Institute

[Institutes for Advanced Topics in the Digital Humanities](#), NEH grant

September 2017 - August 2018

[View Website](#)

[View Curriculum](#)

[#DHRI on Twitter](#)

Digital Initiatives Fellowship, GC Digital Scholarship Lab  
CUNY Graduate Center  
September 2014 — August 2017

Developer and Documentation Specialist, [DH Box](#) NEH Startup Grant  
The Graduate Center, CUNY  
September 2014 — August 2018

## CLIENT LIST

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Astronomy Notebooks for ALI  
[Space Telescope Science Institute](#)  
2022-present

Enthought Edge Platform Documentation  
[Enthought](#)  
2023

Google Summer of Documentation Initiative  
[SigStore](#)  
2023

Badging infrastructure Development Project  
[Hikma Studio](#)  
2023

## AWARDS AND GRANTS

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Alumni and Doctoral Faculty Prize for the Most Distinguished Dissertation of the Year  
Department of English, The Graduate Center, CUNY  
2021

Donald and Mary Ellen Passantino Students with Disabilities Award  
CUNY University Student Senate  
2018

Milton F. Steinhardt Memorial Fellowship Award for Best Prospectus  
Dissertation Year Prize, Graduate Center English Department  
2018-2019

Public Humanities Fellowship  
[Humanities New York](#)  
Project: "Apps for Activists"  
2018-2019

NYCDH Graduate Student Digital Project Award, "Futures Past Archive" ([Second place](#))

2016

Provost's Digital Innovation Grant, "Futures Past Archive"  
2015-2016 and 2016-2017

Digital Writing Fellowship, Qwriting, Queens College  
2016-2017

ARC Praxis Fellowship, Advanced Research Collaborative, CUNY Graduate Center  
2014

Graduate Research Assistantship, David Greetham, CUNY Graduate Center  
2012

Fulbright Fellowship, English Teaching Assistantship in Berlin, Germany  
2009-2010

## PUBLICATIONS

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"Double Take: A Memoir." Couser, G. Thomas, and Susannah B. Mintz, editors. *Disability Experiences: Memoirs, Autobiographies, and Other Personal Narratives*. 2019. (review)

"Creating Web APIs with Python and Flask"  
Programming Historian, 2018  
[Read article](#)

"DH Box and Access in the Digital Humanities"  
dh+lib, 2017  
[Read article](#)

"Ebooks and the Digital Paratext: Emerging Trends in the Interpretation of Digital Media"  
in *Examining Paratextual Theory and its Applications in Digital Culture*  
IGI Global, 2014

## PRESS

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[A Graduate Center Fellowship That Builds Digital Skills Also Yields Jobs for Alumni](#)  
CUNY News, 2021

[Behind the Key — Patrick Smyth](#)  
Phi Beta Kappa website, 2017

"Trump Budget Slashes NEH Funding: Why You Should Care"  
PC Magazine, 2017 (Article features the [NEH Impact Index](#).)

## SERVICE

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Student Representative, Interactive Technology and Pedagogy Student Liaison Committee  
2016-2017 and 2017-2018

Student Representative, Graduate Center ADA Compliance Committee  
2016-2017

Convener, GC Python User Group (PUG)  
2015-2017

Member, English Student Association Website Committee  
2015-2016

Chair, GC Digital Research Institute Curriculum Committee  
2015-2017

Member, GC Digital Research Bootcamp Steering Committee  
2015-2017

Convener, Utopian Studies Seminar, CUNY Graduate Center  
2012-2015

## INVITED TALKS

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"Haccessibility for All"  
arXiv Accessibility Forum 2023  
April 17, 2023  
[View Recording](#)

"Web APIs with Python"  
Week-long course, Digital Humanities Summer Institute  
2018, 2019 - Victoria, British Columbia  
[View Materials](#)  
[#dhsiapi on Twitter](#)

"Lightning Talk: DH Box"  
NEH Project Director's Meeting  
2015 - Washington, DC

"Introducing DH Box"  
Media Res: Lightning Talks by NYC Graduate Students on DH Projects  
2015 — New York, NY

"DH Box: A Push-Button Digital Humanities Laboratory"  
METRO Conference

## PRESENTATIONS

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Notebooks for All: Accessibility & Jupyter Notebooks

JupyterCon 2023

Paris, France

[Description](#)

Day of Accessibility

Space Telescope Science Institute

Baltimore, MD

[Recordings](#)

[Event Page](#)

Accessible Notebooks Hackathon

Space Telescope Science Institute

2023, Online

[Event Page](#)

[Activity page](#)

[Event Recording](#)

STEM access: From author to reader

T<sub>E</sub>X Hour Mini-Conference

2023, Online

[Event page](#)

"The Accessible Laboratory"

STEM Pedagogy Institute

2022, New York, NY

[View Curriculum](#)

"Rules of Thumb for Computer Security"

New York Amateur Computer Club

2017 - New York, NY

[Description](#)

[Presentation](#)

"Poster Session: DH Box"

Digital Humanities 2017

[Poster](#)

"Code and the Codex: E-books as Applications"

[E-book Revolution panel](#)

MLA Convention

2017 - Philadelphia, PA

[View slides](#)

[View notes](#)

"DH Box"

[Open Source Lit, Open Source Crit panel](#)

MLA Convention

2017 - Philadelphia, PA

"GC Digital Initiatives and the Digital Research Institute: Enhancing Student Experience and Access"

CUNY IT Conference

2016 - New York, NY

"Blind Hackers: Accessibility by Other Means"

a11y Accessibility Camp

2016 - New York, NY

[Watch video](#)

[View slides](#)

[View notes](#)

"DH Box: Building Cloud-Based Infrastructure for the Digital Humanities"

Canadian Society for Digital Humanities, Congress 2016

2016 - Calgary, Alberta

(Travel funding from National Endowment for the Humanities)

"Building the University Worth Fighting For: Tools for Pedagogical, Institutional, and Social Change"

HASTAC conference

2016 - Tempe, Arizona

(Travel award from GC Futures Initiative)

"DH Box: A Digital Humanities Laboratory in the Cloud"

CUNY DHI: Building a Digital Humanities Community

2015 — New York, New York

"Ebooks and the Digital Paratext: Emerging Trends in the Interpretation of Digital Media"

Digital Materials conference

2015 — Galway, Ireland

(Travel funding from GC Digital Initiatives)

"To Look upon Verdure": Transplantation and Cultivation in Mansfield Park"

Association for the Study of Literature and the Environment Conference

2015 — Moscow, ID

"Divining Disenchantment: Pneuma and Early Modern Science"

Warren Susman Graduate Conference

2015 — New Brunswick, NJ

"The Currency of Belief: Magical Realism and Fantasy in Neil Gaiman's American Gods"  
International Conference for the Fantastic in the Arts  
2015 — Orlando, FL

"DH Box: A Push-Button Digital Humanities Laboratory in the Cloud"  
CUNY IT Conference  
2014 — New York, New York

"The Present and Future of the Digital Graduate Center"  
CUNY IT Conference  
2014 — New York, New York

"Hangmen, Harlots, and Highwaymen: Narratives of Coercion and Resistance in the Eighteenth Century"  
Northeast Modern Language Associate Conference (NeMLA)  
2013 — Boston, MA

## PROJECTS

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Project Lead, [NEH Impact Index](#)  
2017  
[Site](#) | [FAQ](#) | [Blog post](#) | [Twitter](#)  
[PC Magazine Coverage](#)

Principal Investigator, Futures Past Archive  
2015 — 2017

Maintainer, [Eloud screen reader](#)  
2016 - 2017

Developer, [DH Box](#), CUNY Graduate Center  
2014 — 2018

Platform Redesign, [Writing Studies Tree](#), CUNY Graduate Center  
2014 — 2015

Contributing Historian, [More Than a Mapp](#), CUNY Graduate Center  
2013 – 2014

Website Redesign, [Association of Independent Information Professionals](#) (AIIP)  
2013-2014

Dialogue and Scripting, AI Patient Platform, MATRIC Research  
2012 – 2013

## CLASSES TAUGHT

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Software Design Lab, MA Program in Digital Humanities, The Graduate Center, Spring 2019

Literature and Place: Imagining Utopia, Queens College, Spring 2014

Intro Composition (Information Technology theme), Queens College, Spring 2014

Intro Composition (Evolutionary Science theme), Queens College x2, Fall 2013

## WORKSHOPS TAUGHT

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Getting Started with Python (Foundations for Research Computing, Columbia University, spring 2021)

"Pandas: The Bare Basics" (Columbia Python User Group, fall 2019)

"An Introduction to Static Sites with Jekyll" (Digital Humanities Research Institute, summer 2018)

"Twitterbots with the Twitter API" (Digital Humanities Research Institute, summer 2018)

"Python 201" (GC Digital Fellows, spring 2018)

"Open and Accessible: A Critical Distinction" (Teach @ CUNY Day, Summer 2017)

"Intro to Programming with Python" (GC Digital Research Institute, Fall 2016)

"Intro to HTML and CSS" (ITP Program, Fall 2016)

"Introduction to Web Frameworks with Flask" (GC Digital Research Institute, Summer 2016)

"Social Media Scraping with the Twitter API" (GC Digital Research Institute, Summer 2016)

"Introduction to the Command Line" (GC Digital Research Institute, Summer 2016)

"Collaboration and Writing Workflows with Git and GitHub" (GC Digital Fellows, Spring 2016)

"Social Media Scraping with the Twitter API" (NYC Digital Humanities Week, Spring 2016)

"Intro to Programming with Python" (NYC Digital Humanities Week, Spring 2016)

"Intro Python with DH Box" (ITP Program, Spring 2016)

"Responsive Design with Bootstrap" (ITP Program, Spring 2016)

"Intro to HTML and CSS" (ITP Program, Spring 2016)

"Automation and Scraping with the Twitter API" (GC Digital Research Bootcamp, Winter 2016)

"Intro to the Command Line" (GC Digital Fellows/CUNY GC Library, Fall 2015)

"Setting Up a Development Environment" (GC Digital Praxis Seminar, Fall 2015)

2x "Intro to Programming with Python" (CUNY Graduate Center Digital Fellows, Fall 2015)

"CSS and Bootstrap" (CUNY Graduate Center ITP Program, Fall 2015)

"Intro to Web Scraping with Python" (CUNY Graduate Center ITP Program, Spring 2015)

"Bootstrap Basics" (CUNY Graduate Center ITP Program, Spring 2015)

2x "Intro to Programming with Python," (CUNY Graduate Center Digital Fellows, Spring 2015)

"Getting Started with DH Box" (CUNY Graduate Center Digital Fellows, Fall 2014)

"Intro to Programming with Python," CUNY Graduate Center Digital Fellows, Fall 2014

2x "WordPress 2: Advanced Techniques," CUNY Graduate Center ITP Program, Fall 2014

"WordPress: Theming and Design," CUNY Graduate Center ITP Program, Spring 2013



## TECHNICAL SKILLS

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Frontend Frameworks: Bulma, Bootstrap, React

Analytics: Jupyter, NLTK, NumPy/SciPy, Spacy, Pandas, scikit-learn

Web Scraping: Scrapy, BeautifulSoup

Web Frameworks: Flask, Django

CMS / Static Site Generators: Jekyll, Hugo, WordPress, Drupal

Databases: MySQL, SQLite, PostgreSQL

Ops: Docker, Unix, Git