

# Benjamin Peck

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## DATA SCIENTIST

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A data scientist with experience in historical and genealogical research, I am passionate about applying new methods to old questions. My linear, objective-oriented thought process and close attention to detail enable me to process and interpret large and complex bodies of information. A driven and independent worker, I collaborate readily and excel at oral and written communication.

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## SKILLS

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Python | SQL | Tableau | Machine Learning | Historical Research | Data Analysis | Microsoft Office

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## EXPERIENCE

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### Data Science Immersive Student at General Assembly in Washington, DC

December 2019 to March 2020

- Twelve week intensive course covering topics from basic Pandas through neural networks
- Completed a client project estimating flood depths from ground-based images using convolutional neural networks, image segmentation, and preprocessing techniques
- Completed a final project using predictive modeling and different clustering approaches to analyze geographic trends in county-level US federal data.

### Independent Researcher in Washington, DC

July 2018 to present

- Review collections and digitize relevant documents for clients conducting historical research
- Research at locations including Library of Congress and National Archives (sites I and II) utilizing text, still images, and cartographic/architectural materials in paper, microfilm, and digital formats
- Write scripts to scrape digitized material, interact with APIs, and organize retrieved data and metadata

### Historical Geography Technician at GeoSearch Environmental Information in Washington, DC

March 2017 to May 2018

- Utilized collections at the Library of Congress to determine the usage history of properties
- Worked independently and collaboratively to locate and digitize relevant documents and enter data and metadata into a proprietary database
- Automated repetitive tasks with Python scripts and explored potential improvements to process

### Independent Researcher in Lansing, MI

December 2015 to March 2017

- Conducted library and internet-based genealogical research and presented findings to clients
- Hired as an independent contractor to organize, select, and scan materials from the archive of a Fortune 500 company

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## EDUCATION

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### Michigan State University, East Lansing, MI

B.A. in History, May 2016

- Traditional research-oriented history education with additional studies in digital humanities and data analysis
- Recipient of the Alumni Distinguished Scholarship