Nicholas Bolin   nbolin@vt.edu

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Education:
B.S. Computer Science and B.A. History, May 2017
Magna Cum Laude, Minors in Mathematics and Classical Studies
Virginia Polytechnic Institute & State University, Blacksburg, VA
    <u>Select Courses</u>: Data Structures and Algorithms, Human-Computer Interaction (HCI), Comparative Languages, Computer Systems
M.A. History, May 2019
    Thesis: "Indian and American Demography, Expertise, and the Family Planning Consensus: 1930-1970"
    Focus on the history of science and technology and digital history

Relevant Skills:
Professional experience with Java, C#, SQL, JavaScript + jQuery, HTML/CSS
Personal/Academic familiarity with C, C++, Python, Lua, Scheme, and Node.js
Experience with Windows and Linux operating systems
Experience with MS Office, Autodesk, Adobe, and ArcGIS products

Work Experience:
Software Development Intern, Eastman Chemical Co. (May – Aug. 2016)
- Redesigned an internal record-keeping database program using C# and SQL to replace an existing system

Software Development Engineer Intern, Amazon (June – Aug. 2017)
- Reworked part of an internal testing tool, working closely with a mentor and small team to ultimately reduce startup time for the tool from more than a day to a few hours through parallelization.

Undergraduate Teaching Assistant, Virginia Tech (Feb. 2016 – May 2017)
- Helped students in Intro to Computer Organization and Comparative Languages courses and Intro to Data in Social Context (DiSC) pilot course with homework, projects, and general questions, as well as grading responsibilities

Graduate Assistant, Virginia Tech (Aug. 2017 – May 2019)
- Grading responsibilities for several courses, and assistant lecturer on statistics, opinion polling, and GIS in DiSC courses
- Formatted relational data and generated graphics with GIS for the Digital Scholarship Lab's "Electing the House of Representatives" (dsl.richmond.edu/panorama/congress/)

Activities:
BSA Assistant Scoutmaster
Vice President, History Graduate Student Association
- Organized and curated submissions to student-run conference
Lead "Python for Digital Humanities" faculty seminars – April 2018

Honors/Awards:
Eagle Scout 2013
Dean's List: Fall 2013 – Spring 2017
Computer Science Resource Consortium Undergraduate Scholarship 2014-2017
VT History Dept. Exemplary Graduate Student Award 2019