

Dear Dr. Terry Harvey, Faculty Search Committee Chair,

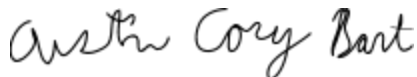
I am writing in response to your notice on the SIGCSE Members Listserv for the position of Assistant Professor in Computer Science. I am currently serving a 1-3 year appointment at Virginia Tech as an Assistant Professor of Computer Science; therefore, I am available for positions starting as early as June 2018. Because of my experience in computing education, my service and teaching record, my passion for teaching and broadening participation, and my experiences at the University of Delaware as an undergraduate and the Delaware public school system, I feel I would be a uniquely excellent candidate.

For the past 4 years, I have been directly involved in the creation, study, and teaching of multiple introductory course for non-computing majors. These award-winning curricula have been successfully externally adopted at other institutions. I would be very excited to replicate these courses and their best components throughout the undergraduate Computer Science curriculum. Although much of my experience is with introductory-level students, I am also eager to work with advanced students, particularly in the areas of Programming Languages, Web Development, and Data Science.

As my vita indicates, I have a history of scholarly research in computing education, including the Best CS Education Research paper at SIGCSE 2017. My research projects demonstrate my commitment to the development of high-impact educational software and the scientific study of their effectiveness. At Virginia Tech, I have had frequent collaborations and publications with faculty from the school of education at Virginia Tech, and I would look forward to making similar contacts with faculty from the School of Education at the University of Delaware, such as with Dr. Chrystalla Mouza (who served as my undergraduate thesis adviser). Moreover, I would be very interested in reaching out across other departments to help develop curriculum that broadens participation beyond computing majors. Finally, I also envision collaborations within the Computer Science department: my research on analyzing student programs and learning data analytics provides opportunities to collaborate with multiple Computer Science faculty in the area of Program Analysis and Data Science. Although the described position seeks an applicant with a primarily teaching focus, I believe my continued involvement in computing education research and educational technology development could support department efforts in novel ways.

Thank you for your time and consideration. I would be pleased to have an opportunity to meet with you, in order to discuss this position further. Please contact me at the enclosed email address or phone number at your convenience. Thank you again.

Yours sincerely,

A handwritten signature in cursive script that reads "Austin Cory Bart".

Austin Cory Bart

Enclosures:

- Curriculum Vitae including references
- Statement on Teaching