Dear Search Committee Chair,
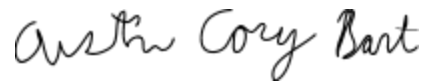
I am writing in response to your notice on the SIGCSE-Members Listserv for the position of Asssitant Professor in Computer Science. I am currently serving a 1-3 year appointment at Virginia Tech as a Visiting Assistant Professor of Computer Science; therefore, I am available for positions starting as early as June 2018. Because of my success in computing education research, my service and teaching record, my passion for teaching and broadening participation, I feel I would be an excellent candidate.

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, and I would look forward to making similar contacts with faculty from your College of Education (such as with Dr. David Weintrop), possibly including a joint appointment. I would also be very interested in reaching out across other departments to help develop curriculum that broadens participation beyond computing majors. Finally, I envision many collaborations within the Computer Science department: my research on analyzing student programs and learning data analytics provides opportunities to collaborate with faculty working in the areas of Programming Languages and Data Science.

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. This teaching is an essential component of my computing education research, while simultaneously benefiting students.

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,

Austin Cory Bart

Austin Cory Bart

Enclosures:
- Curriculum Vitae
- Statement on Teaching
- Teaching Evaluations