| Decision | ACM Code of Ethics and Professional Conduct | ACS Code of Ethics | ACS Code of Professional Conduct | BCS Code of Conduct | Ten Commandments of Computer Ethics | IEEE Code of Ethics | IEEE Code of Conduct | The System Administrators' Code of Ethics |
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| Ben and Sarah split the initial effort of trying to gather tweets. They decided to use the Twitter API and each got Twitter development accounts |  |  |  |  |  | 5. … and to credit properly the contributions of others; | - |  |
| Jess offered access to her own corpus of tweets and her Twitter Academic Research account which had access to all of Twitter. |  | **Professional Development**: Members are expected to take responsibility for their personal growth, as well as contributing to the development of others.  Sarah and Ben should not have access to this data, besides the fact that it could be false (Bots of twitters). |  |  | 5. thou shalt not use a computer to bear false witness  Provided false login information, and jess broke Twitters code of conduct | 4. to avoid unlawful conduct in professional activities, and …  Ben and Sarah are unlawful as they violate Twitter’s code of conduct by sharing accounts | 5.Comply with all applicable laws, rules and regulations governing IEEE’s business conduct worldwide.  By doing so Jess is violating Twitter’s terms and conditions | System integrity  Jess is violating the twitter terms of service as Ben and Sarah should not have access to a Twitter Academic Research account as 3rd year students, which can lead to data integrity being lost of user's data on twitter |
| Jess also got one of Smith’s research associates, Takisha, to give Sarah access to some other tweet archives that they had used in the past. |  | **Professional Development**: Members are expected to take responsibility for their personal growth, as well as contributing to the development of others.  Sarah and Ben should not have access to this data, besides the fact that it could be false (Bots of twitters). |  |  |  | 5. … and to credit properly the contributions of others; | 5.Comply with all applicable laws, rules and regulations governing IEEE’s business conduct worldwide.  Ben and Sarah had become complicit in falsifying data technically | System integrity  (Same as before)  Ethical responsibility  Ben and Sarah are responsible for crediting Takisha as she gave them access the archives that she has used in the past |
| Professor Smith encouraged their approach and invited them to his weekly research group meetings to discuss their work. |  | **Professionalism**: ACS professionals should maintain a high standard of professionalism in their conduct, and acting in ways that promote confidence in the profession. |  |  |  | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors … | - |  |
| Feng was harshly critical of their work |  | **Professionalism**: ACS professionals should maintain a high standard of professionalism in their conduct.  Although Feng argued with knowledge of the subject, he could be kind. |  |  |  | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors … | 1.Respectful of others. Feng could have used a less harsh tone | Ethical responsibility  Feng may have been Too harsh to Ben and Sarah, and should have been more fair with his criticisms, by offering advice for example |
| Professor Smith advised students to check the department's ethics advice to find out if they needed formal permission to use any of the data. |  | **Professional Development** This can involve mentoring, sharing knowledge, and supporting educational initiatives within the field of computing. |  |  |  | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors … | - |  |
| Takisha said Ben and Sarah didn't need to interact with Feng directly, just ask Jess or him |  | **Competence**: ACS members should work within their area of competence and continually improve their skills. (skills that are relevant and accurate)  Feng had the skills to help them. But they were told not to go to him. |  |  |  | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors … | 1.Respect for others. He technically asked Ben and Sarah to sidestep Feng | Communication  Ben and Sarah should communicate with all parties to ensure their needs are met, this includes communication with Feng |
| Although Professor Smith and Takisha were busy with personal matters, and Jess was somewhat available. Ben and Sarah put in a lot of effort and made good progress on their project. |  | **Professional Development**: Members are expected to take responsibility for their personal growth |  |  |  | - | - | Communication  Ben and Sarah should report back about the progress of the project to their peers instead of working on it solely by themselves |
| Ben and Sarah decided not to consult with Feng because they considered him a problem; however, his knowledge could be helpful. |  | **Competence**: ACS members should work within their area of competence and continually improve their skills. (skills that are relevant and accurate)  Feng had the skills to help them. But they were told not to go to him. |  |  |  | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors …  6. … and to undertake technological tasks for others only if qualified by training or experience, or after full disclosure of pertinent limitations; | 1.Respect for others. They technically didn't respect Feng by trying to avoid him | Education  Personal integrity  They should reach out to Feng for help and use his knowledge to enhance their own knowledge and skills, which will be important for the project |
| Sarah focused on chronic kidney disease, while Ben focused on severe mental illness. The result was that their systems gained more useful information for the NLP and health research communities. |  | **Enhancement of Quality of Life**: IT professionals should strive to improve the quality of life for all people through the effective use of technology. |  |  |  | 1. to hold paramount the safety, health, and welfare of the public, … to protect the privacy of others, and to … | - | See you later alligator! |
| Ben and Sarah neglected consulting the ethics advice or Feng, and did not seek permissions from the tweets’ authors to use the tweets for their research |  | **Competence**: ACS members should work within their area of competence and continually improve their skills. (skills that are relevant and accurate)  They should not refuse to ask for help from Fneg. |  |  | 1. Thou shalt not use a computer to harm other people.  9.Thou shalt think about the social consequences of the program you are writing or the system you are designing.  They did NOT consider the social consequences whatsoever and in turn also potentially caused harm- especially to the group who were suffering from mental health issues which were now made public for everyone to see. | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors …  1. to hold paramount the safety, health, and welfare of the public, … to protect the privacy of others, and to … | 1.Respect. They were not respecting the privacy of the tweets’ authors.  5.Compliance with rules and regulations. They did not bother to check the current updated ethics advice. | Privacy  People may not be willing for their tweets to be used in the research  Professionalism  It is Ben and Sarah's responsibility to consult about ethics advice and the use of others’ tweets |
| Feng pointed out the flaws in their research direction and urged them to withdraw the paper. |  |  |  |  |  | 5. to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors … | - |  |
| Sarah and Ben withdrew their paper after being advised to do so and ended up having to redo all of their experiments. They spent a lot of time running and re-analysing data, and as such had very little time to write up their final reports. |  | **Primacy of the Public Interest**: Professionals must prioritize the public interest over personal. This includes ensuring that your actions positively impact the broader community and do not harm society or its members. |  |  |  | The students finally operate ethically 🙂 | - | As a result of violating this Ethical framework, Ben and Sarah had to redo the majority of their research |

As a group, we have decided to follow the IEEE Code of Ethics because it is long, descriptive, and explicit about what is ethical and what is not. It also covers 3 broad areas: integrity, respect and compliance which are important.