CS XXXX - Service-Learning Project Proposal
Dylan Lasher

1. A brief summary of the project, including a description of what research/outreach has been done to ensure the viability of the project

I figured an optimal project would involve two demographics of subjects. Big picture, I want to have high school students aid older people with their technological needs. How to find out information they don't know, how to facetime with grandkids, etc. (Things that my grandmother and great grandmother have struggled to learn.) I want to take a group of high school volunteers and have a meeting in which we will make sure everyone is prepped with a list of commonplace phone/laptop skills. These skills will encompass the spectrum of utilities that older people should know. (How to Google information you don't know, how to skype/facetime with family, how to send emails, etc.) High school students can earn community service, and seniors can learn life-improving skills.

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2. An explanation of how the project directly serves Southeast Idaho

This project will have two-pronged approach to serving Southeast Idaho. I hope to cultivate a new perspective for both demographics. I want older citizens to learn a culture of helping the less-informed people, and I want technology to become a more normalized culture to the older citizens. I taught my 64 year-old neighbor how to use Facetime. She now uses it for weekly visits with her grandson in Texas. She just recently learned how to Google any questions she has had, and that is the self-reliance I want to cultivate.

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3. An explanation of how the project directly relates to computer science

My hope in achieving a ubiquitous utilization of computer science applications/culture will be to breed a wider acceptance of the field. I tutor math at the library every Saturday, and I was blown away by the number of parents/grandparents who didn't even know that computer science was a field to be pursued. Normalizing computer science and its culture would help promote an interest from the deepest roots: family.

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4. A paragraph outlining any ethical, security, or safety considerations inherent in the project

Working with youth, I will ensure that I have "2-deep leadership" (have another adult present). This could be a HS counselor, or church youth leader, a parent, a librarian, or another ISU student. This will protect me as much as the youth from accusations and legal issues and often has unforeseen benefits.

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5. Relevant community contacts, contact information, and a description of the contacts role in the project

I've contacted career counselors at high schools X, Y, and Z and they've indicated a willingness to help recruit high school students interested in a community service opportunity. This will also help fulfill a HS graduation requirement.

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6. Names of other students working on the same project and a justification for why more than one student is needed to complete the project

There are not currently any partners on this project. One individual seems like enough for prepping and facilitating.

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7. A proposed timeline with dates and anticipated time spent to complete specific milestones. This should include any time needed for planning, commuting, communicating, marketing, and executing the project. The timeline should demonstrate how the project will meet the 10-hour service requirement. Planning and transportation may count for up to 2.5 hours of the 10-hour requirement.

Curriculum overview (subject to improvement)
*The curriculum is long, but the students will basically talk to the older people and figure out what areas they are in most need.

- How to use a search engine / process of finding new information..
- Health/physical accommodations (increase text size, louder, etc.)
- Security (How to identify a legit email, for instance)
- Touchscreen basics (How to increase screen size, no nails, etc.)
- Terminology (cookies, buffering, URL, etc.)
- Personal Information Security (Older generations don't trust technology with their personal information. Let's teach them what to trust.)
- Also, a prepping on how to talk to older generations. They might get frustrated and not want to ask to help, so we should be prepared to be patient.

Schedule Rundown:

08/24 - 09/02 - Finish comprehensive curriculum to cover all potential needs.

09/03 - 09/20 - Recruitment Effort for high school students.

09/27 - 2 hour training session for high school students, covering entirety of curriculum.

09/16 - 10/01 - Contacting churches, community centers, libraries, and other venues for older participants. (Email for RSVP contact, Facebook event, as well as paper sign-up sheets)

10/10 - 10/12 - Hold actual event, 3 days a week for varying schedules, 2.5 hours per event. (Depending on RSVP load)

Total: 12 hours