Here are some things you should know or have on hand when completing your application:

- To apply, you will create a user profile that will enable you to log in and edit your application, as well as check the status of the application and endorsements. For the user profile you need to have your home address, phone number, and zip code. You will also need to create a memorable password for your account.

- Applicants must have a social security number or tax I.D. that you can provide if needed. You don’t need this for the application, but will need to provide this information if you are declared a winner.

- You need to know if you have an immediate family member who is a staff or board member of National Center for Women and Information Technology (NCWIT)? This list of staff and board members is listed here: http://www.ncwit.org/about.team.html

- You need to have a working e-mail address that you check on a regular basis. We recommend using a permanent email address like Gmail, Yahoo, Hotmail address. If you use your school address, then it will expire when you graduate and we won’t be able to reach you regarding further opportunities.

- You will need to know the name and e-mail address of your parent/guardian. The e-mail that you list for your parent/guardian must be different from the e-mail that you listed for yourself, and should be one that is checked regularly. You should inform your parent or guardian that you are applying for this award. He/she will receive an email with instructions to view and endorse your application.

- You need to know your school’s name and location.

- You will need to have the first and last name, and e-mail address of a school official who can endorse your application. This could be a teacher, counselor, principal, or other school official that knows your work and accomplishments. It could also be a coach or mentor from an out of school program you participate in like Girl Scouts, Boys & Girls Club, 4H, etc. The person you list as your school official should be notified that you are using them as a reference, just as you would for a college or job application. It is also usually best to ask their permission to use them as a reference. The school official you list will receive an email with instructions to view and endorse your application.

- You will need to know your GPA.
These are the questions you will see on the online application. It is important that you save your application frequently, as the system will time out if inactive. We recommend writing your essays in advance in a text editor and pasting into the online form. We also recommend proofreading your application carefully and checking it with your parent/guardian before submitting. Once submitted, it CANNOT be changed.

1. **Computing Activities/Concepts Checklist:** Tell us how involved you have been by using the rating scale: Not at all, Only a little, Pretty much, A lot.

Checklist Options:

**General Computing Applications (e.g. MS Works, MS Office, Open Office):**
- Word Processing (MS Word, WordPerfect, Open Office)
- Spreadsheets (MS Excel, Open Office, iWork)
- Presentations (Powerpoint, Keynote, Prezi, Open Office)
- Desktop Publishing (MS Publisher, InDesign, Pagemaker)
- Mathematical Applications

**Interactive Multimedia:**
- Web Design/Development (Dreamweaver, MS Expression, Web Studio)
- Multimedia Design (Photoshop, iMovie, Premiere, Movie Maker, Illustrator)
- Computer Aided Design (AutoCAD, Inventor 3D)
- Game Design (GameMaker, Blender, Maya, Visual Student/Basic/C++, C#)
- Mobile Application Development (Objective C, AppInventor, iPhone/Android, iPad/Tablet)
- Web Application Development (Facebook API, Flash, Java, HTML5, PHP)

**Hardware/Networking/System Operations**
- Computer Technology (tech crew, install/maintain computers for yourself and others, software installation)
- Network/System Operations, Maintenance (system manager for multiple machines)
- Network Design/Development (LAN, wireless)
- Network Security
- Certifications (CompTIA, MTA)

**Programming**
- Robotics (Labview, ROBOTC, Lego Mindstorms)
- Graphics (Scratch, Alice, Flash, OpenGL, Java 3d, SNAP)
- In a Coding Language (Visual Basic, Python, Java, C++, PHP, HTML, CSS)
- Using Variables, Loops, Decision Logic, Arrays/Lists
- Using Advanced Data Structures (Stacks, Queues, Trees)
- Mainframe Programming
- Database Design/Programming (Access, MySQL, Filemaker)
- Open Source Contributions (contributing original code segments to open source libraries)
Short answer essay questions: Each response should be limited to 500 words or less.

2. What have you done with computing and technology?

3. Please describe ways in which you show leadership in computing, your school, and/or your community.

4. How do you see your aspirations in computing and technology influencing your future pursuits?

5. Extra Curricular Checklist Tell us how involved you have been by using the rating scale: Not at all, Only a little, Pretty much, A lot.

Checklist Options:

In which of the following computing and information technology activities have you participated?
- Computing/Technology-Related Club or Team (at school or outside of school)
- Computing/Technology-Related Community Involvement/Volunteerism
- College-Level Computing/Information Technology Courses
- Independent Study of Computing/Technology to Advance Your Knowledge
- Computing/Technology-Related Summer or After-School Program
- Computing/Technology-Related Job
- Computing/Technology-Related Internship

6. What areas are you most likely to study after high school? Select up to TWO areas that most closely match her plans. These categories and majors are used by the College Board. If you would like more information about any of the areas listed, you may visit their Major & Career Profiles page.

☐ Undecided
☐ Not planning to go to college
☐ Agriculture and Related Sciences
☐ Architecture and Planning
☐ Area, Ethnic, Cultural, and Gender Studies
☐ Artificial Intelligence and Robotics
☐ Arts, Visual and Performing
☐ Biological and Biomedical Sciences
☐ Business
☐ Communication and Journalism
☐ Computer and Information Security
☐ Computer Forensics
☐ Computer Graphics
☐ Computer Networking and Telecommunications
☐ Computer Programming
☐ Computer Science
☐ Computer Systems Analysis
☐ Construction Trades
☐ Computer Hardware Engineering
☐ Computer Software Engineering
☐ Database Management
☐ Electrical Engineering
☐ Engineering (other)
☐ Education
☐ English Language and Literature
☐ Family and Consumer Sciences

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Game Design and Development
Health Professions and Related Clinical Sciences
History
Information Science
Information Technology
Languages, Literatures, and Linguistics
Law and Legal Studies
Liberal Arts and Sciences, General Studies, and Humanities
Library Science
Math and Statistics
Mechanic and Repair Technologies
Military
Multi/Interdisciplinary Studies
Natural Resources and Conservation
Parks, Recreation, and Fitness
Personal and Culinary Services
Philosophy and Religion
Physical Sciences
Precision Production Trades
Psychology
Public Administration and Social Services
Science Technologies
Security and Protective Services
Social Sciences
System Administration
Theological Studies and Religious Vocations
Transportation and Materials Moving
Web Development