**Computer Science/Computer Engineering Resume Template**

Career, Mentoring, and Professional Development Center

Shippensburg University of Pennsylvania

career@ship.edu ∙ www.ship.edu/career ∙ 717-477-1484

**Name**

**Contact Information** (Address, Email, and Phone)

**EDUCATION/TRAINING** (TRAINING is optional)

**Bachelor of Science in Computer Science/Computer Engineering,** ExpectedGraduation, Month, Year

Concentration: (Select \*Embedded Programming; Software Engineering; Computer Graphics, Computer Science Applications\*)

Minor: (if applicable)

Shippensburg University, Shippensburg, PA

Accredited by ABET, Inc. (Accreditation Board for Engineering and Technology)

QPA: (list if noteworthy; 3.0+)

 **Possible Subheadings under Education: \***Study Abroad; Honors; Relevant Coursework\*

**COMPUTER SKILLS** (should be a focal point of resume; possibly consider subheadings for information)

 **Languages:**

 **Operating Systems:**

 **Applications:**

 **Networking:**

 **Hardware:**

 **Telecommunications:**

**PROFESSIONAL INTERNSHIPS**

**Title,** Organization(dates involved)

City, State

* Describe duties/responsibilities
* Be specific
* Use “buzz” words related to the field
* Begin each bullet with an action verb; No personal pronouns

**RELEVANT EXPERIENCE**

**Title** (for Community Service, your Job Title may be “Volunteer”), Organization, (dates)City, State

* Describe duties/responsibilities
* Be specific
* Use “buzz” words related to the field
* Begin each bullet with an action verb; No personal pronouns

**Relevant Projects/Research Projects:**

**Title of Research,** dates

* List duties/responsibilities; scope/size of the project; human subject approval (if relevant); funding/financial support
* Of project; outcomes of research/project
* Was project submitted/approved for publication?
* Use past tense action verbs to begin each bulleted statement

**First Name, Last Name, Page 2 of 2** (Always best to keep resume to 1 page, however…)

**Campus Leadership/Involvement**

**Leadership Role,** Organization(dates)

**COMMUNITY SERVICE** (more passive involvement such as Blood drives, Relay for Life, marathons)

Organization (dates); Organization (dates); Organization (dates); Organization (dates);

**Professional references and portfolio available upon request**

**Other Possible Headings to Incorporate In Resume**Languages; (possibly subheadings); Military History; Professional Development/Conferences Attended; Professional Memberships/Affiliations; Community Service/Involvement; Media Equipment/Skills; Graphic Design Experience; Media-Related Experience (Print/Electronic); Public Relations Experience

**Computer Science Resume Example**

Career, Mentoring, and Professional Development Center

Shippensburg University of Pennsylvania

career@ship.edu ∙ www.ship.edu/career ∙ 717-477-1484

**Sarah May**

**Contact Information** 123-456-7890, email@domain.net

**EDUCATION**

**Bachelor of Science in Computer Science,** ExpectedGraduation, May, 2021

Shippensburg University, Shippensburg, PA

Accredited by ABET, Inc. (Accreditation Board for Engineering and Technology)

QPA: 3.0

**SKILLS**

Coding: C/C++, Java, x86 assembly, C#, PHP, JavaScript, HTML, CSS, SML, Ruby, Perl

Technologies/Environment: Windows, Win32 API/GUI, Linux, MySQL, OpenGL, ASP.NET

**PROFESSIONAL INTERNSHIPS**

**Student Intern,** Arteria Health Systems (Summer 2019)

Cleveland, OH

* Created new functionality for state-level prescription drug information system
* Worked with end users to determine their information needs
* Wrote application to create custom surveys
* Migrated existing website from SQL Membership to ASP.NET

**RELEVANT EXPERIENCE**

**Technology Help Desk**, Shippensburg University, (August 2017 – Present) Shippensburg, PA

* Resolved issues regarding networking (wired, wireless, and dialup), and email problems service users
* Answered questions about software supported by the university, such as MS Office
* Communicated with customers through email, telephone, and face to face

**Relevant Projects/Research Projects:**

**Vintage Foundation** (Fall 2019) – a consulting project in a nonprofit organization

* Advised on new technologies to help further the organizational mission
* Instructed program director on building a user-friendly website and relational database
* Assessed systemic problems and suggested possible solutions

**News Delivery System** (Spring 2019) - online information gathering/presentation system

* Integrated old code with new for web application delivering custom tailored web news
* Coded in Java using Model-View-Controller architecture

**Ebarter** (Fall 2018) - an online bartering system running on Apache Tomcat

* Applied software engineering principles along with J2SE Web Development Kit
* Led team in coding phase of development

**Computer Engineering Resume Example**

Career, Mentoring, and Professional Development Center

Shippensburg University of Pennsylvania

career@ship.edu ∙ www.ship.edu/career ∙ 717-477-1484

**Tyler Don**

**Contact Information** 123-456-7890, email@domain.edu

**EDUCATION**

**Bachelor of Science in Computer Engineering,** ExpectedGraduation, May, 2021

Concentration: Computer Science Applications

Minor: Biology

Shippensburg University, Shippensburg, PA

Accredited by ABET, Inc. (Accreditation Board for Engineering and Technology)

QPA: 3.8

**COMPUTER SKILLS**

Circuit Design • PCB Layout • RepRap 3-D Printer • 3-D Model • Microcontrollers • Power Electronics • Arduino • MATLAB • Circuit CAD (Ki CAD, Eagle, Altium) • OpenSCAD • FreeCAD • MS Office

**PROFESSIONAL INTERNSHIPS**

**Embedded Systems Engineer,** Disney Corporation(January 2019 – December 2019)

Virtual

* Designed microcontroller based electronic circuit for capturing point-of-sales data.
* Surveyed and contacted various electronic component suppliers to find suitable parts to meet design constraints.
* Collaborated with printed circuit board manufacturer regarding design and production cohesiveness.
* Supervised and inspected the quality during assembly of device in surface mount technology factory.

**Product Design Intern,** Sodexo International (May 2020 – August 2020)

Paris, France

* Designed and produced electronic device to collect data from remote facilities and towers companies over

Cellular network.

* Met with client to identify specifications, budget, and deadline for project.
* Created and presented development proposal to client.
* Performed field tests and analyzed results.

**Relevant Projects/Research Projects:**

**Embedded Systems Specialist (hardware team lead**) | Shippensburg University Technology Lab | May 2018 - Present

**Project**: Develop open source hardware for measurement of semiconductor sheet resistance using four-point probe

Technique to reduce process cost by up to 70% and demonstrate the benefit of open source hardware.

* Consulting materials science expert regarding physics of semiconductor measurement.
* Performing literature review to identity established techniques.
* Designing electronic circuit, Arduino firmware, and Java software for system.
* Incorporating existing open source hardware and software to speed up development: Arduino, Java Window BuilderPro
* Testing various semiconductor films and existing four-point probe equipment to compare and validate operation