Student Assistant Contacts & Transferrable Skills – (*Student Programmer*)

(ETS)– OSU Libraries & Press, 121 Valley Library, Oregon State University, Corvallis OR 97331

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Work Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Duties: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Contact** | **Name** | **Phone No.** | **Email** |
| ETS Analyst Programmer |  |  |  |
| ETS Department Head |  |  |  |
| ETS |  |  |  |

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| **Student Programmer Task** | **Professional Terminology Suggestions** |
| Develop applications | Using object-oriented languages to develop new web applications according to specifications given by a client. |
| Store and maintain code in Git. | Using a standard source control system to keep track of software revisions. |
| Gather application specifications. | Meeting with and gathering application specifications from clients |
| Write unit tests. | Wrote and maintained applications using test-driven development. |
| Benchmark code | Benchmarking code in both development and production environments using a variety of industry standard tools including new-relic, XDebug, and Rack-Mini-Profiler. |
| Evaluate the ongoing usefulness of older applications | Evaluating the cost to benefit ratio of maintaining and updating older projects. |

**Student Programmer Resume Builder**

**Devices, Software and Policies & Procedures**

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| **Devices Used** | **Software Used** |
| Desktop Computer | PHP, Ruby, Ruby on Rails, Symfony2, and Laravel 4. |
| Color Printer | SSH |
| Touchscreen Kiosks | CentOS 5 and 6, Ubuntu Server 12.04, Windows 7 |
| Mobile Devices (for testing mobile web applications) | Internet Browsers |
|  | Integrated Development Environment of choice |
|  | Apache, Nginx, Passenger, Unicorn |
|  | WorkForce EmpCenter (time clock & time sheets, used beginning June 16, 2013) |
|  | Microsoft Office Software |
|  | **Policies & Procedures** |
|  | ETS Open Source Policy |
|  | University Rules & Regulations |
|  | OSU L&P Development Standards |

**Resume Position Description – (*Student Programmer*)**Developed and maintained applications for the Emerging Technologies and Services department, which utilized a variety of technologies including Ruby, Ruby on Rails, PHP, MySQL, and Apache Solr. Participated in a small team of programmers who practiced test-driven development and collaborated through the use of Git’s versioning system and the Jira issue tracker. Responsibilities included development, code review, meeting with clients to determine project specifications, reporting progress at specific intervals, and maintaining applications post-deployment.