**EDUCATION**

*B.S. Computer Science - Emphasis: Computer Technology; University of Wisconsin-Platteville* Dec 2015

* UW-Platteville Freshman Achievement and Leadership Scholarship Recipient: 2011-2012
* GPA: 3.0
* Dean’s List Spring 2012

**Relevant technical Coursework:** Intermediate Software Engineering, Software Quality, Software Maintenance,

Real-Time Embedded Systems, Object-Oriented Analysis and Design, Programming in C++, Object-Oriented Programming and Data Structures I & II, Database Design and Implementation, Windows Programming, Web Protocols and Technologies, Programming Language Structures, Programming in COBOL, Artificial Intelligence, Computer Graphics

**EXPERIENCE**

*Software Engineer****:*** American Family Insurance, Madison, WI July2016 *-* January 2017

* Created tool evaluation documents for project management software and DevOps-themed team collaboration software
* Collaborated with vendors to gather information on project management software
* Demoed project management software with stakeholders
* Assisted in creation of a manager reporting script for tools/software out of compliance for company standards (Java)
* Facilitated custom user-friendly solutions for gaps in user knowledge and abilities
* Contributed in continual trend analysis to determine latest languages, tools, frameworks being used out in the world

*Engineering Technician II Intern****:*** Esterline AVISTA*,* Platteville, WI May2014 *-* July 2016

* Created, verified, and tested requirements for 767 Flight Deck Control Panels project
* Created test cases for localization of Oncology Planning Software
* Developed UI windows for localization of Oncology Planning Software
* Developed translation mapping tool (in Python) for localization of Oncology Planning Software
* Participated in Dry Run testing for cockpit and satellite functionalities for a satellite communications project

*Student Tutor*: University of Wisconsin-Platteville Tutoring Services, Platteville, WI Nov 2014 - May 2015

* Provided tutoring services in C++ and JAVA to students needing help

*Assistant:* Univ. of Wisconsin-Platteville Textbook Center, Platteville, WI Dec 2011 - May 2014

* Operated UW Pioneer Administrative Software System (PASS) along with interlibrary databases to
  + Ensure proper assignation of students’ booklists
  + Track circulation of textbooks
  + Resolve fines and perform point-of-sale transactions
  + Process and add new, incoming textbooks to library database
  + Manage shipping and processing of textbooks to and from other UW-Colleges
* Collaborated manual textbook inventory of over 10,000 books to ensure proper book statuses

**COMPUTER SKILLS Languages**

* + Proficient in: C++, Java, C#, Visual Basic (.NET)
  + Familiar With: Python, JavaScript, SQL Plus, ASP.NET, Ruby/Ruby on Rails, COBOL, HTML5, CSS, Basic, Assembly(80/86x), Ada, F#, Lua, PIC Assembly, OpenGL

**Software/Frameworks**

|  |  |  |
| --- | --- | --- |
| Android Studio  Bitbucket  Blender  Bootstrap  Brackets  Cloud9  Discord  Dr Racket  Eclipse  Express  Gamemaker Studio  Git  GNAT | IntelliJ IDEA  JIRA  jQuery  LibGDX  LWJGL  Microsoft Visual Studio 2008-2017  MyEclipse  Netbeans  Node.js  Notepad++  OpenTK  Oracle SQL Developer  Postman | PyCharm Community Edition  QtCreator (UI building)  SciTE  Slack  Subversion  Spring  Team Foundation Server  Trello  Unity  Webstorm  WinSCP  XNA Game Studio |

**Platforms**

* Microsoft Windows, Mac OS X, Linux

**Other**

* Developed password manager

**LEADERSHIP, VOLUNTEER, and TEAMBUILDING EXPERIENCE**

* + University Singers - *Vice President*, UW-Platteville Spring 2012
  + Pioneer Wesley - *Vice President* Spring 2015
* UW-Platteville Ballroom Dance Club 2011-2012
  + UW-Platteville Singing Pioneers 2011-2015
  + UW-Platteville University Singers 2011-2013
  + Pioneer Players Theatre 2011-2014
  + UW-Platteville Opera Workshop Fall 2012
  + UW-Platteville Swing Dance Club 2012-2015
  + UW-Platteville Chamber Choir 2013-2015