**Xiangren Chen**

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EDUCATION Bachelor of Science in Computer Science

Minors in Mathematics and Business/Liberal Arts

**The Pennsylvania State University,** University Park, PA GPA: **3.62/4.00**

Dean’s List: FA13, SP14, FA14

Anticipated Graduation: May 2016

**PROGRAMMING Intermediate Programming (C++)** CMPSC 122 – Grade A

* Programmed single 2D Graphic RPG game using C++ and dark GDK; fully functional RPG game
* Featured complex maze, irregularly wandering monsters and a hero controlled by players; sophisticated weapon system contained 3 types of superpowers

**Object Oriented Programming w/Web-Based Applications (Java)** CMPSC 221 – Grade A

* Programmed fully functional windows-style notepad with all necessary features in Java
* Programmed standard calculator with standard user interface/high accuracy output in Java
* Programmed basic painting board with several basic shapes combined with advanced functions like dash, fill, gradient and stroke width
* Programmed fully functional classical style pacman in Java

Linked to online MySQL database for score recording

Created multiplayer Mode; two players can play together through IP address

**Introduction to Systems Programming (C)** CMPSC 311 – Grade A-

* Basic Linux Bash programming and Command Line Coding
* Bit operation and basic net programming via C
* User space device driver for array of low-resolution displays

**PROGRAM** Visual Basic programming **[**Programmed demo sports center management system]

**LANGUAGES** C++/C programming; Java, HTML, CSS, PHP, JavaScript, jQuery

**WORK**  **Learning Assistant & Grader, Department of Computer Science**

**EXPERIENCE** The Pennsylvania State University, University Park, PA Fall’14, Spring’15

* Graded weekly CMPSC 201 homework assignments
* Facilitated student mastery of C++ programming

**Food Service Employee**

Penn State Pollock Commons, University Park, PA Spring 2013

* Maintained order within facility by collaborating effectively with service team
* Prioritized team duties in fast-paced food service environment
* Successfully managed dependable employment while engaged in rigorous full-time academics

**RESEARCH Undergraduate Research Assistant**

The Pennsylvania State University, University Park, PA Jan. 2015 - Present

* Collaborate with faculty and graduate assistants
* Utilize learning theory and tutors to improve knowledge acquisition and retention

**INVOLVEMENT** Member, Penn State ACM [Association for Computer Machinery] 2013-15

Team Leader and Core Programmer, Penn State Code PSU Fall’13, Spring ’14

Vice Coordinator, PSU Chinese Student & Scholars Association 2013-15

Web Department