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 LANGUAGES

Visual Basic programming **[**Programmed demo sports center management system]
C++/C programming; Java, HTML, CSS, PHP, JavaScript, jQuery

WORK EXPERIENCE

Learning Assistant & Grader, Department of Computer Science
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