Michael Xiao

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EDUCATION

University of Colorado, Boulder, CO   May 2018
B.S. in Computer Science (Junior), Minor in Business

Key CS Courses:
Big Data Architecture, Object Oriented Design, Intro to Computer Security, Database Systems, Operating Systems, Computer Systems, Algorithms, Data Structures, Principles of Programming Languages

Selected Course Projects
- Object-Oriented Software Design project using Java and various design patterns to develop a tile-based exploratory game.
- Big Data project using Apache Kafka, Storm, AWS, D3, and Node Express to extract real-time Twitter data for analysis and web visualization.

HONORS & AWARDS

- CU Esteemed Scholars – President Horace M. Hale Award
- Business Minor Scholarship
- Dean's List, Fall 2015 and Spring 2016

LEADERSHIP AND ACTIVITIES

University of Colorado, Boulder, CO   Fall 2016-Present
Peer Mentor
- Guiding and helping first year Computer Science students on their future plans, career advice, and personal development.

Good Samaritan Medical Center, Lafayette, CO   Summers 2011 - 2015
Floor Host/ Greeter
- Greeted and welcomed patients and guests to the hospital, answered questions and gave information on directions.
- Delivered weekly papers and personally talked to patients.

EXPERIENCE

DigitalGlobe, Longmont, CO   Summer 2017
Software Engineer Intern
- To work with a team on geospatial image processing.

University of Colorado, Boulder, CO   Fall 2016-Present
Course Assistant of Computer Science Dept.
- Worked as the Professor's assistant on the Operating Systems course, by testing programming assignments, writing weekly quizzes
- Assisted students on a variety of computer operating systems related homework and projects by holding weekly office hours.

Avaya Inc., Thornton, CO   Summers 2015 & 2016
Rotation Assistant / Global Design Center Intern
- Worked in the Advanced Solutions Architect team on design documentation automation by developing Visual Basic codes for multiple Microsoft Excel and Visio macros to reduce human effort and improve design efficiency.

SKILLS

- Java, C/C++, Python, VBA/Excel, Scala, Linux, Shell Script, MySQL
- English – Native Proficient, Chinese – Proficient

ADDITIONAL INFORMATION

- Member of the Engineering Leadership Program at CU Boulder
- Member of the IEEE Computer Society
- Won the Colorado State Music Festival for a variety of piano playing competition events.
- Member of the CU Ethical Hacker's club
- Worked with the Raspberry Pi minicomputer to experiment around with Amazon Voice Services.