Christopher Chapline

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Additional contact information available upon request.

EDUCATION

Bachelors of Science in Computer Science   May 2016
University of Arizona   Tucson, AZ
Cumulative GPA: **3.459**   Major GPA: **3.522**

RELATED COURSEWORK

Object-Oriented Programming and Design   Theory of Graphs and Networks
Analysis of Discrete Structures   Introduction to Discrete Structures
Systems Programming and Unix   Computer Organization
Web Programming   Program Design and Development

EXPERIENCE

Software Developer   Summer 2014
Elegant Thought   Tucson, AZ
- Developed a proprietary Android application to dynamically generated user interfaces based upon a platform-independent configuration file.
- Designed and developed an object-relational mapper modeled after Apple's Core Data framework for the android platform that would manage a SQLite database.

TECHNICAL EXPERIENCE

- *Four Nations:* A redesign of a civilization management game originally designed with three other people as a class project. This redesign makes use of modern development technology including Java 8, the Gradle build system, and continuous integration.

PROGRAMMING LANGUAGES

Java: Primary development language for 2 years. Experience with both the desktop and Android platforms.
Python: Primary scripting language for a year.
Familiar: C, HTML, JavaScript, CSS, PHP

ACTIVITIES

Association for Computing Machinery (ACM) - University of Arizona
- Gave a talk on Java 8 discussing the streaming API, lambda expressions, method references, and functional interfaces.
- Winner of Google sponsor prize at first annual ACM hackathon. Developed a web application for writing, compiling, and executing Java code with 4 other group members in 18 hours.

Women in Information and Computer Science (WICS) - University of Arizona
- Member of a group dedicated to discussing issues related to diversity in the field of Computer Science and Information Technology.

LAHacks @ UCLA
- Hackathon hosted at the UCLA campus. Developed a web tool to generate unit tests for Java and Python programs over a 36 hour period with two other group members.