

Christopher Chapline

cachapline8@gmail.com

gizmo385.github.io

Additional contact information available upon request

EDUCATION

Bachelors of Science in Computer Science

University of Arizona

May 2016

Tucson, AZ

RELATED COURSEWORK

Object-Oriented Programming and Design

Analysis of Discrete Structures

Systems Programming and Unix

Web Programming

Theory of Graphs and Networks

Introduction to Discrete Structures

Computer Organization

Program Design and Development

EXPERIENCE

Software Developer

Elegant Thought

Summer 2014

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 rethinking of a civilization management game originally designed with three other people as a class project. The redesign will make 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. Discussed 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.