# Andrew Clifton

## Personal Data

| | |
|---|---|
| Place and Date of Birth: | Selma, California │ 6 February 1979 |
| Address: | 7691 E. Springfield Ave., Selma CA 93662 |
| Phone: | 559-301-4442 |
| Email: | andyclifton@gmail.com |
| Web: | http://mulan.csufresno.edu/~andyclifton |

## Work Experience

**Current / Dec 1998**

**Information Systems Technician, City of Selma**
Monitored and performed routine maintenance on servers and network infrastructure; provided technical support (both hardware- and software-related) for staff. When needed, performed custom programming, web design, emergency data recovery, and other technical services.

**Jan-May 2015**

**Teaching Assistant, CSU Fresno;**
**CSCI 60: Foundations of Computer Science**
Conducted lab instruction, developed homework assignments, held office hours, reviewed and graded student lab and homework submissions

**Aug-Dec 2014**

**Teaching Assistant, CSU Fresno;**
**CSCI 119: Introduction to Finite Automata**
**CSCI 60: Foundations of Computer Science**
Conducted lab instruction, held office hours, reviewed and graded student lab and homework submissions, supervised examinations

**Aug-Dec 2013**

**Teaching Assistant, CSU Fresno;**
**CSCI 117: Structures of Programming Languages**
Conducted lab instruction, held office hours, reviewed in-depth and graded student lab and homework submissions

## Education

| | |
|---|---|
| MAY 2015 | MASTER OF SCIENCE IN COMPUTER SCIENCE, **California State University**, FRESNO, CA<br>PROJECT: "PROOF-ASSISTANT ASSISTED PEDAGOGY"<br>ADVISOR: J. TODD WILSON, PHD<br>GPA: 4.0/4.0      \| DETAILED LIST OF COURSE GRADES |
| MAY 2005 | BACHELOR OF APPLIED SCIENCE AND TECHNOLOGY<br>*Computer Science specialization*<br>**Thomas Edison State College**, TRENTON, NJ<br>THESIS: "AN ANNOTATED BIBLIOGRAPHY OF PROGRAMMING LANGUAGES RESEARCH"<br>GPA: 3.9/4.0 |

## Scholarships and Awards

| | |
|---|---|
| SPRING 2015 | CSU FRESNO, OUTSTANDING GRADUATE STUDENT, COMPUTER SCIENCE DEPARTMENT; NOMINEE, DEAN'S MEDAL, COLLEGE OF SCIENCE AND MATHEMATICS |
| SPRING 2014 | CSU FRESNO, PROFESSOR LAN JIN ENDOWED COMPUTER SCIENCE SCHOLARSHIP |
| FEB. 2012 | GRE:<br>Verbal: 170/170 99$^{th}$ percentile;<br>Quantitative: 168/170 (95$^{th}$ percentile);<br>Analytical: 5.5/6.0 (98$^{th}$ percentile) |
| 1998-1999 | REEDLEY COLLEGE OUTSTANDING MATHEMATICS STUDENT |

## Knowledge and Skills

| | |
|---|---|
| PROFICIENT KNOWLEDGE: | C AND MODERN C++, PROLOG, COMMON LISP, AND JAVASCRIPT; DIGITAL TYPESETTING IN LaTeX.<br><br>EXCELLENT WRITTEN AND VERBAL COMMUNICATION SKILLS. |
| INTERMEDIATE KNOWLEDGE: | PROGRAMMING IN STANDARD ML, HASKELL, SCHEME, AND PYTHON; WEB DEVELOPMENT WITH HTML/CSS/JS. GAME PROGRAMMING IN C++ & JAVA. FORMALIZATION IN $\lambda$-PROLOG. |

## Interests and Activities

- COMPUTER SCIENCE EDUCATION
- OPEN-SOURCE
- PROGRAMMING
- FORMAL METHODS
- TYPE AND PROOF THEORY
- COMPUTER GRAPHICS

# Master of Science in Computer Science

## Grades

| Course | Grade |
| --- | --- |
| Advanced Web Application Development | 3.0/3.0 |
| User Interaction | 3.0/3.0 |
| Introduction to Computer Science Research | 1.0/1.0 |
| Programming Language Principles | 3.0/3.0 |
| Design and Analysis of Algorithms | 3.0/3.0 |
| Computer Architecture | 3.0/3.0 |
| Wireless and Mobile | 3.0/3.0 |
| Advanced Software Engineering | 3.0/3.0 |
| Machine Learning | 3.0/3.0 |