



ANDREW CLIFTON

PERSONAL DATA

PLACE AND DATE OF BIRTH: Selma, California | 6 February 1979
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WORK EXPERIENCE

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| AUG 2016–
<i>Current</i> | Professor of Computer Science, Fullerton College
Taught courses in fundamentals of computer science and data structures. Designed and presented curriculum, prepared lab assignments and supervised lab sessions, quizzes, midterm and final exams. Participated in departmental planning and program review processes. |
| AUG 2015–
<i>May 2016</i> | Computer Science Lecturer, California State University, Fresno
Taught courses in discrete mathematics, finite automata, algorithms, and game development. Designed and presented curriculum, prepared lab assignments and supervised lab sessions, quizzes, midterm and final exams. Supervised teaching associates. Participated in departmental planning and hiring processes. |
| DEC 1998–
<i>Current</i> | 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 Associate, 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 Associate, 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 Associate, 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
Project: “Proof-Assistant Assisted Pedagogy”
Advisor: J. Todd Wilson, PhD
GPA: 4.0/4.0 | [Detailed List of Course Grades](#)
- MAY 2005 | Bachelor of Applied Science and Technology
Computer Science specialization
Thomas Edison State University, Trenton, NJ
Thesis: “An Annotated Bibliography of Programming Languages Research”
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:
Verbal: 170/170 (99th percentile);
Quantitative: 168/170 (95th percentile);
Analytical: 5.5/6.0 (98th percentile)
- 1998-1999 | Reedley College Outstanding Mathematics Student

KNOWLEDGE AND SKILLS

- Proficient Knowledge: C and modern C++, Prolog, and Javascript; digital typesetting in \LaTeX
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 λ -Prolog. Linux client administration.

INTERESTS AND ACTIVITIES

- Computer Science Education
- Open-Source Development
- 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
