

Trisdan Leyson

Programmer, Software Engineer, Writer, Tutor

April 28, 2014

Contact Information

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Education

- **Bachelor of Science, Computer Science. University of California, Davis.**
 - In-progress; expected completion 8/2014.
 - GPA: 3.27
 - **Relevant Coursework**
 - Programming languages (two quarters): Studied design and implementation of Java and C++, concurrent programming, functional and logic programming.
 - Compilers (one quarter): Lex, Bison, C++, implementation of object-oriented languages.
 - Artificial Intelligence (one quarter): Projects in Java.
- **Associate of Arts, Arts and Humanities. Yuba College.**
 - Completed 2011.
 - GPA: 3.7

Skills

Programming Languages

- Most experience with Python, Java, C++.
- Some experience with Clojure, C, Ruby, Javascript.
- Brief exposure to Common Lisp, Prolog, JR.

Other technologies

- Working knowledge of HTML, CSS.
- Working knowledge of Emacs, some Emacs Lisp.
- Basic knowledge of Git and GitHub.
- Working knowledge of Unix, Linux, and Microsoft Windows.

Other

- Proficient writer.
- Some knowledge of the Spanish and Japanese languages.

Selected Projects

- **Compiler for the Cool Programming Language**
 - **Tools:** C++, Flex, make, SPIM and MIPS.
 - **Skills:** Regular expressions, object-oriented design, type systems.
- **Robot arm control system**
 - **Tools:** C++.
 - **Skills:** Low-level programming, object-oriented design.
- **Sound Change Modeler**
 - Code at <https://github.com/tsleyson/PySounds2>.
 - **Tools:** Python.
 - **Skills:** Regular expressions, scripting, GUIs (TKinter), Unicode.
- **Document preparer for Amazon Kindle publishing**
 - Code at https://github.com/tsleyson/kindle_pub_formatter.
 - **Tools:** Clojure, HTML, Emacs Lisp, JSON.
 - **Skills:** HTML, Cascading Style Sheets, Unicode.

Employment History

January 2014–

- **Yuba College Writing and Language Development Center.**
- **Position:** English and ESL Tutor
- **Duties:**
 - Worked closely with students to refine language, analytical, and rhetorical skills.
 - Interpreted instructor comments and assignments and communicated this understanding to students.
 - Kept careful records of activities within the center using the AccuTrack and TutorTrac systems.
 - Modeled good student behavior.

- Created a tutorial for students to learn to use the account-linking features of their Yuba College campus email. (Available at tsleyson.github.io/WLDC-email-forward/index.html.)
- **Reason for leaving:** Time-limited position.

June 2011–August 2013

- Full-time student, University of California, Davis.

January 2009–May 2011

- **Yuba College Writing and Language Development Center**
- **Position:** English and ESL Tutor
- **Duties:** See above.
- **Reason for leaving:** Left to become full-time student at UC Davis.

January 2007–May 2011

- Full-time student, Yuba Community College.

References

Rosemary McKeever

- Relationship: Former supervisor.
- Organization: Yuba College Writing and Language Development Center.
- Title: Instructional Associate.
- Email: rmckeeve@yccd.edu

Shawn Frederking

- Relationship: Former supervisor.
- Organization: Yuba College Writing and Language Development Center, Yuba College English Department.
- Title: Associate Professor of English.
- Email: sfrederk@yccd.edu