Trisdan Leyson

Programmer, Software Engineer, Writer, Tutor

May 15, 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
- **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; maintain a technical blog, *The Poetry of Computer Science* (porgionesanke.wordpress.com).
- Some knowledge of the Spanish and Japanese languages.

Selected Projects

- **Compiler for the Cool Programming Language**
  - Implemented lexing and semantic analysis (type checking) phases.
  - **Tools**: C++, Flex, make, SPIM and MIPS.
  - **Skills**: Regular expressions, object-oriented design, type systems.
- **Robot arm control system**
  - Aided in designing, and implemented, an object-oriented interface.
  - **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