Trisdan Leyson

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Education

2014	**Bachelor of Science**, *University of California, Davis*. Computer science; general course.
2011	**Associate of Arts**, *Yuba College*, Marysville, CA. General education, Arts and Humanities.

Projects

C++	Lexer and semantic analyzer for a compiler for an object-oriented language with a provably sound type system. Semantic analyzer did type checking for the language.
C++	Robot arm control system. A reimplementation of some older procedural code with an object-oriented interface and better design and code quality. Code at http://github.com/tsleyson/JointMove.
Python	Sound change applier for hobby language creation. Code and further details at http://github.com/tsleyson/PySounds2.
Clojure	Document formatter for preparing a collection of HTML documents for publication with Amazon Kindle Direct Publishing. Code and further details at http://github.com/tsleyson/kindle_pub_formatter.

Experience

2009–2011 and Jan 2014–May 2014	**English Tutor**, *Writing and Language Development Center*, Yuba College, Marysville, CA. Assisted students, one-on-one or in small groups, with development of language and writing skills, including grammar, punctuation, word-use, rhetoric, and English as a Foreign Language.

Programming Languages and Other Skills

Programming	Python (3 years), C++ (3 years), Java (3 years), Clojure (1 year)
Languages	English (native), Spanish (basic fluency), Japanese (beginner)
Writing	Proficient. Maintain a technical blog, *The Poetry of Computer Science* (http://porgionesanke.wordpress.com).

Other Activities

Linguistics	Typology and historical linguistics; longtime hobby
Reading	Classical literature, history, philosophy, popular science
Writing	Stories, articles, blogs, and essays
Mathematics and statistics	Discrete math, probability, statistics; recent hobby.