

Jason J. Simas

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Objective:

To obtain short-term work or contracts (not to exceed four months in duration) engineering software in Java.

Education:

1997.6-2001.8 BS in Computer Science and Philosophy (double major) California State University, Fresno

- Graduated August 2001 (summa cum laude) with a 4.00 CSci GPA and a 4.00 CSUF GPA.
- Built strong software engineering knowledge and skills through the study of SE and software systems.
- Conducted advanced studies in Software Engineering, Operating Systems, and Databases.
- Conducted independent study in Formal Methods for engineering critical software components.
- Conducted introductory studies in Computer Organization, Architecture, Graphics, Theory, and AI.
- Built strong analysis and evaluation skills through the study of reasoning and logic in Philosophy.

Employment:

2000.4- Lead Software Engineer Chart2d.sourceforge.net

- Sole Engineer of an open source Java class library named Chart2D.
- Chart2D is a library for visualizing quantitative data using two-dimensional charts.
- Chart2D consists of 14,750 lines of program logic over 45 classes with class inheritance six levels deep.
- Chart2D received 15,886 visits in January making it the most popular library of its kind.
- Chart2D was written while I was employed as a student software engineer for my university.

1999.1-2001.5 Student Software Engineer Recruitment Technology Systems, CSUF

- One of only five student software engineers employed by my university.
- Sole engineer of three applications and one library consisting of 18,500 lines of program logic and 60 classes.
- Software artifacts provided data entry, data editing, or data presentation functionality.
- Software artifacts were written in Java and SQL and accessed a remote Oracle database over a network.

Skills:

3 years	Java, Swing, Java2D.	Wrote 25,000 lines of program logic; four applications and one library.
3 years	OO Design	Designed 70 classes with a maximum inheritance of six levels deep.
2 ½ years	Jbuilder Personal	Used Jbuilder to implement, test, document, and maintain Java code.
2 years	SQL	Used SQL in applications that read, wrote, or updated data in a DB.
2 years	C, C Library	Wrote 5,000 lines of program logic; mostly homework assignments.
½ years	Various languages	Gained cursory experience with C++, Scheme, and Prolog.

Special Honors:

2002.2 Accepted to the University of Illinois Urbana-Champaign's Ph.D. program; 6th in the U.S.
2002.2 Accepted to the Georgia Institute of Technology's Ph.D. program; 13th in the U.S.
2001.8 Received highest honors graduating with a BS in Computer Science and Philosophy.

Professional Memberships:

1997- Student Member Association of Computing Machinery (ACM)
1997- Student Member Institute of Electrical and Electronics Engineers (IEEE)