

Alan DeLonga

505 E. Foothill Blvd. #28
San Luis Obispo, CA 93405

Visit me at: www.FromPointAtoBeyond.com

Mobile: (805) 304-4693

E-mail: adelonga@calpoly.edu

Alan.DeLonga@gmail.com

Objective: Particular interests in graphics and the development of web and mobile applications

Education

Moorpark College, Moorpark, CA, June 2007

- AA in Mathematics and Liberal Arts; 3 units to AA in Physics

Cal Polytechnic State University, CAL POLY, San Luis Obispo, CA, June 2011

- BS Computer Science

Computer Skills and Courses

Platforms: Windows, Linux, Unix

Languages: Java, C++ (OpenGL/SDL), Oracle, MySQL, PHP, Javascript

Introductions to: Ruby, HTML/CSS, ANTLR

Applications: MilkShape, LaTeX, Microsoft Word, Excel, learning Photoshop

Major Courses: Databases (*Java, Oracle, mySQL*); Graphics (*OpenGL, SDL*); Software Engineering (*Java*); Computer Design/Architecture (*VHDL, sparc*); Compilers (*Java, ANTLR, sparc*); Algorithms (*Java*); Multi-threading (*C*); and Systems (*C*)

Notable Accomplishments:

- Constructing an AJAX home page and portfolio site at www.FromPointAtoBeyond.com
- In a team, as project manager, creating 3D real-time computer game within 20 weeks
<http://www.wix.com/studentatmc/zombsfinal>
- Wrote, and optimized, a compiler for a C like language, executing in sparc.
- Created hierarchical model of person with each body part moving in every direction, programmed to allow the user to create, animate and save moves users.csc.calpoly.edu/~adelonga/CPE471/
- Built a simple Android application, Sudoku. (video and description on portfolio site)
- Wrote a basic CMS to create a more dynamic customizable portfolio, accessible through homepage

Work Experience

VIASAT, Carlsbad, CA June 2010 - Sept 2010

Software Engineer Intern

- Worked on an intern team to update a pre-existing web data management application written in Java, PHP, mySQL, and javascript generated by GWT, using Eclipse
- Remodeled the database and stored procedures to increase program functionality
- Encrypted/decrypted passwords, decoupled the project from environmental variables
- Created procedural documentation: File structure set-up; Retrieval and set up of all files; Compiling; Saving jars on server; and Linking the database to the project

Theodore Insurance Inc., Woodland Hills, CA Nov 2005 - Jan 2007

- Multi-tasking with diverse clientele, deadlines, underwriters and quotes

Best Buy, Porter Ranch, CA Nov 2003 - Jan 2005

Customer Service Representative

- 8/hr starting as a cashier increased to 10/hr in customer service.
- Top seller of service/replacement plans and signing people up for perks on credit card apps.

Personal: I am goal oriented; conscientious and flexible; multitasked; deal well under pressure; a fast learner; problem solver and enjoy learning, technology, and art.