

# Mark Vincent G. Alviar

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## EDUCATION

University of California, Los Angeles

- Computer Science and Engineering major with Cognitive Science minor
- 3<sup>rd</sup> year undergraduate

## COMPUTER SKILLS

- Proficiency in HTML, JavaScript, PHP, MySQL and Cascading Style Sheets
- Proficiency in C++ programming
- Some experience with Unix socket programming in C
- Some experience with logic design and MAX+plus II
- Some experience with MatLab

## MOST RECENT PROJECTS

Peer-to-Peer client similar to a simplified BitTorrent client

- Teams of two create a client that interfaces with the torrent server, the tracker, and with other clients to achieve P2P transfers.
- Programmed with C using sockets in a Unix environment

“Connect-N” Game

- Program that intelligently plays “Connect-3” (or variable N) against the user
- Implemented using a minimax algorithm in C++

A program (in C++) which solves mazes

A program (in C++) that finds anagrams of a word

## WORK EXPERIENCE

Outback Steakhouse

- June 2003 – September 2003
- Busser
- Supervisor/Phone: Jose Gorospe / (510)222-4767

State Compensation Insurance Fund

- June 2002 – September 2002
- Student Assistant in Policy Experience Data Reporting Unit
- Supervisor/Phone: Dennis Yagi / (415)703-7084

## COMMUNITY/ ORGANIZATIONAL EXPERIENCE

Asian Pacific Coalition Internship, UCLA

- January 2004 – June 2004
- Engineering Society of University of California, UCLA
- September 2003 – to date
- Pilipinos In Engineering, UCLA
- September 2003 – to date
- UCLA’s On Campus Housing Floor Government
- Position: Yearbook Chair
  - September 2003 – June 2004
- Miramonte High School’s Tutoring Club
- September 1998 – June 2002

## INTERESTS

photography, image editing, traveling, music