# Oliver Wong

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## OBJECTIVE

- To acquire an employment opportunity which is interesting and challenging.

## EDUCATION

- Computer Science with Senior standing at University of Texas at Austin.
  Expected graduation: 2005, GPA: 3.43
- McNeil High School, Round Rock ISD (Graduated May 2001 with class rank: 12/469)

## EXPERIENCE

- **Motorola Internship** (Summer 2003)
  Modified an internal documentation tool to support XML as a file format, and worked on developing various programs to evaluate OpenAccess (www.si2.org/openaccess), primarily with it's Python interface.  I translated various C/C++ OA program into Python equivalents, and laid the groundwork for further Python/OA development by creating many sample tools that were helpful to my department.

- **IBM Co-Op** (January, 2003 – April, 2003)
  I served as a co-op at IBM for one semester in an AIX Network department.  I wrote various modifications to test scripts as well as modifying a network utility to comply with IBM international language standards.

- **Undergraduate Section Leader (USL)** (Fall 2002, Fall 2003)
  Selected to be a USL for CS307, Foundations of Computer Science, which is currently being taught using Java.  My duties as a USL were similar to that of a teacher's assistant (TA) except the amount of students I was in charge of was smaller.  I held discussion sections, graded assignments and tests, and served all other responsibilities a regular graduate TA would.

- **Motorola Internship** (Summer 2002)
  This internship was with High Performance Tools and Methodology again. My project was to benchmark two data models against each other in terms of speed and memory usage. I also did various script writing and modifications in Perl and got more familiar with the Unix environment.

- **Motorola Internship** (Summer 2001)
  I served this internship with the High Performance Tools and Methodology group. I had various programming related tasks and worked primarily with C++ as well as PHP and Perl. My C++ project was to create a data structure that would allow for the storage of information regarding shapes along with properties and attributes, while optimizing for speed first then memory. My PHP/Perl project was to create an online library for use by employees to loan out and keep track of their books ("personal library system").

- **Web-Developer** (August 14, 2000 – June 4, 2001)
  After serving internship at Motorola, I was hired under a part-time position as a web-developer for Motorola's University Relations during the school year. I completed various projects including programming a web-interface for a database, along with updating the projects I worked on during the summer.

- **Motorola Internship** (Summer 2000)
  I worked with Motorola's University Relations group to improve their intranet website. This involved programming scripts used for simplifying content creation and metric/statistical data gathering, designing graphical layouts for various intranet sites, and developing eye-catching presentations using Macromedia's Flash 4 for use in presenting ideas/programs to the Motorola executive council.

## COMPUTER SKILLS
- **Languages and Software**
  Perl, Java, C++, some PHP, JavaScript, HTML, Microsoft Office, Adobe Photoshop 5.5, Macromedia Flash 4/5, limited database knowledge.
- **Operating Systems**
  Windows 95/98/Me/NT/2000/XP, Linux/UNIX

## INTERESTS
- I own my own domain (OliverWEB.com) and web-design/program (mainly web-related programs using Perl or PHP) as a hobby. I enjoy learning new programming languages (give me a book and I'll do it) and building custom computers.

## HONORS AND ACTIVITIES
- **Undergraduate Section Leader CS Program** – See above for more info (Fall, 2002)

- **AP Scholar with Honor Recognition** – Designated by The College Board (Fall, 2001)

- **$3000 Motorola Scholarship** (Fall, 2001 and 2002)

- **8th Place State**, BPA C++ Programmer (March, 2001)

- **5th Place State**, BPA Website Development Team (March, 2001)

- **2nd Place**, UIL Computer Science (February, 2001)

- **1st Place**, UIL Computer Science (January, 2001)

- **1st Place**, UIL Speech Tournament – Duet Acting (January, 2001)

- **3rd Place**, UIL Computer Science (October, 2000)

- **Webmaster, Mu Alpha Theta** – Math Honor Society (2000 – 2001)

- **8th Place**, UIL Computer Science (2000)

- **4th Place State/1st Place Regional**, BPA Website Development Team (2000)

- **President, Computer Club**, Designate meeting dates/activities. (1999 -2000 and 2000- 2001)

- **National Honor Society** (inducted 1999)

- **Fifth Place**, Math Rally Competition (1999)

- **Webmaster, National Spanish Honor Society** (1998 - 1999)

- **Texas Alliance for Minorities in Engineering** (1999 - 2001)