

## Résumé

### John A. Hancock

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218 Smith Hall, Robotics Institute  
Carnegie Mellon Univ.  
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#### Education:

Graduate: Carnegie Mellon Univ., Robotics Ph.D. student, began 8/93, Ph.D expected Jan. 1999.  
College: Harvard University, B.S., Elec. Engineering, *magna cum laude*, June 1993.  
Secondary: St. Albans School, *cum laude*, June 1989, ranked 2/70.

#### Employment:

1993-present Graduate Research Assistant, Carnegie Mellon University.  
1995 Teaching Assistant for CMU Robotics class, 16-761: Introduction to Mobile Robots  
1990-93 Academic Tutor, Harvard University  
1992 Summer Physical Sciences Aide, Smithsonian Astrophysical Observatory  
1992 Laboratory Teaching Assistant, Harvard University  
1989-91 Summer Research Assistant, Naval Surface Warfare Center, White Oak, MD (1989 as  
Department of Defense Summer Fellowship Awardee)  
1982-89 Carrier, The Washington Post newspaper

#### Skills:

**Programming** Excellent knowledge of C++, C, and Open Inventor (a 3D graphics C++ API). Also experienced with Perl, X Windows and X Toolkit, Motif, HTML, VRML, Pascal, LISP, and 68000 assembly. Experienced in design and implementation of computer vision and artificial intelligence programs.

**Game Design** Designed and created a full scenario for the Marathon Infinity engine, including a new storyline, level design, new graphics and textures.

**Graphic Design** Hobbyist in 3D modeling and texture design with working knowledge of Ray Dream Studio, Bryce, Adobe Photoshop.

#### Awards:

1998 **Marathon Evil Mapmaking Award** for computer game level design  
1993 **Barrett Teaching Award** for tutoring students at Harvard  
1990-92 **Harvard College Scholarship** (for Academic Merit)  
1989-93 **Dean's List** (all semesters), Harvard University  
1989 **Class Salutatorian, early cum laude graduate**  
**Thomas Ewing Scholarship** (Washington Post award)  
**Department of Defense Summer Research Fellowship**  
1988 **Eisenstein Fellowship Award** (grant of \$1125 for foreign travel and summer study)  
1987 **Science Writing Award** (from Society for Technical Communication, Washington, D.C.)  
1984 **Scholarship to Univ. of Maryland** (one course, state and regional honors in the Johns Hopkins youth talent search)