Sean Holbert

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➢ **Human-Computer Interaction student passionate about engineering, design, and innovation.**

EDUCATION

Stanford University Stanford, CA 9/05 to present	*M.S. Computer Science, expected June 2011, GPA = 3.5/4.0* *B.S. Computer Science, June 2009, GPA = 3.5/4.0* – Course Highlights: Human Computer Interaction, iPhone Programming, Networking, Compilers, Computer Architecture, Databases, Algorithims.

WORK EXPERIENCE

SurveyMonkey Palo Alto, CA 7/10 to present	*Software Engineer* – Developed Facebook Connect for SurveyMonkey (20,000+ joins in one month) – Developed, designed advanced logic interfaces and new edit-survey pages on SurveyMonkey.
Stanford Computer Science Department Stanford, CA 8/09 to present	*Computer Science Course Advisor* csmajor.stanford.edu/WhoToSee.shtml – Maintain and develop Stanford CS website (10,000+ views/month). – Design and develop web tools for CS students. Most recently, working on a tool to match up faculty research projects with interested students. – Serve as the public representative for the Computer Science department at Stanford. – Work closely with faculty to refine the requirements of the Computer Science programs.
Stanford Computer Science Department Stanford, CA Spring '08, Summer '09	*CS106 Section Leader* – Taught introductory CS to Stanford Students. – Graded exams, assignments. Fielded programming questions. – Received very positive evaluations.
Stanford Residential Education Stanford, CA 8/09 to 6/09	*Resident Assistant in Stanford Row House* – Managed a house of 36 Stanford Students, organizing activities, counseling residents, monitoring parties, coordinating with student groups, and handling emergencies. – Worked closely with a staff of 5 other students managing an $81,000 budget.

RESEARCH

Helix Research Group Stanford, CA 4/07 to 7/09	*Research Assistant* – Conducted molecular dynamics analysis and simulations on collagen. Concentrated on visualization of data, developing Python and MATLAB tools to calculate biochemical properties of simulations and display data. – Designed and constructed a massive PostgreSQL database storing chemical data cross-referenced with mutational data. Interfaced with database via Python. – Wrote up research, presented at Pacific Symposium on Bioinformatics, Hawaii '08.

SKILLS

Computer Languages	C, C++, Java, PHP, Python, SQL, Objective C, Processing, R.
Media Skills	Well-versed in Pro Tools, Adobe Audition, Illustrator, Premiere, Photoshop.

EXTRACURRICULAR ACTIVITIES

Sean Duncan Music	*Solo Performing/Recording artist.* Toured OR, WA, CA in Spring '09.
Stanford Latin Jazz Combo	*Timbale/Drumset player in respected Stanford Afro-Cuban Jazz Combo, '09-'10.*
Stanford Club Water Polo	*On the '08-09 team and the '10-11 team.*