

HENRY ENGELLAND-GAY

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EDUCATION

Stanford University, Stanford, CA

Bachelor of Science, major in Computer Science, in progress

Expected: December 2012

Cumulative GPA: 3.75

EXPERIENCE

ULFEM Research Group, Stanford Geophysics Dept.

Summer Research Intern

July 2010 – September 2010

- Worked under Simon Klemperer, Professor of Geophysics at Stanford University, and in affiliation with the United States Geological Survey (USGS), on the Ultra-Low Frequency Electromagnetic (ULFEM) data recording project
- Oversaw the implementation of Generation 1 of newly developed electromagnetic field digitizer hardware; monitored performance and compared results to existing hardware
- Worked extensively with MATLAB in a UNIX environment
- **Award for Best Presentation of Summer Research:** Gave presentation at the Stanford School of Earth Sciences on research project; voted best presentation by the overseeing committee

Cecil H. Green Library, Stanford

Tier II Loan Desk Assistant

August 2008 – Present

- Promoted to Tier II position, including password-protected access into patron's accounts and responsibility for monitoring security portals, in addition to previous responsibilities
- Demonstrate consistent and systematic organization in response to constant high-volume throughput of books
- Provide customer service at the library loan desk as well as over the phone; handle account inaccuracies, patron concerns, requests for information

ADDITIONAL

- Proficiency with Java, C, C++, MATLAB, HTML, CSS; exposure to Python, JavaScript, MySQL
- Recently changed major to Computer Science; previously studied Math, Physics, Philosophy, Buddhist Studies, Symbolic Systems, and Mechanical Engineering