# Aaron Gable

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| CONTACT<br>INFORMATION | Harvey Mudd College<br>340 East Foothill Blvd<br>Claremont, CA 91711 | email: agable@hmc.edu<br>aaron@aarongable.com<br>phone: (541) 250-0350 |

**OBJECTIVE**  A full-time software development position at a leading company in the computer science industry.

**EDUCATION**

**Harvey Mudd College**, Claremont, California                **September 2008 – Present**
*Joint Major in Computer Science and Math*
- Expected Graduation: May 2012
- Current GPA: 3.68
- Abroad at Acquincum Institute of Technology, Budapest, Hungary in Spring 2011.

**WORK EXPERIENCE**

**Software Engineering Intern**                **June 2011 – September 2011**
*With Ben Liebald, YouTube Discovery and Personalization, Google, San Bruno, California*
Worked on providing better channel subscription recommendations to new users of the YouTube service. Used aggregate demographic data to provide better-tailored recommendations to users with little or no watch history and no other channel subscription. Resulted in large gains in the number of channel subscriptions by new users.

**Undergraduate Student Researcher ST 2**                **May 2010 – September 2010**
*With Terry Miller and Dr. David Coblentz, Los Alamos National Lab, Los Alamos, New Mexico*
Worked with EES-16 (Computational Earth Science) and the Geophysics Group writing software for the creation of models of geophysical systems (such as fault zones and nuclear test sites) for use in physics simulations. For more information on the LaGriT software project: meshing.lanl.gov and lagrit.lanl.gov.

**Computer Science Research Assistant**                **June 2009 – September 2009**
*With Dr. Tom Dietterich, Oregon State University, Corvallis, Oregon*
Assisted in the development of image processing algorithms for the automated identification of insects. Improved and developed user interface elements for controlling a robotic camera.

**Computer Science Grader and Tutor**                **January 2009 – Present**
*Work-study position at Harvey Mudd College, Claremont, California*
Work with freshmen and sophomore students in computer science courses, providing assistance and guidance on their homework and during their lab sessions.

**PROJECT EXPERIENCE**

**Platitude**                **September 2010 – December 2010**
*Large Software Development, Harvey Mudd College, Claremont, California*
Created a distributed, networked combination platformer / tower-defense game. Worked with 15 other students using agile development techniques and a full testing suite. See: tinyurl.com/Platitude2010

**SKILLS**  Programming/Computers: C, C++, Java, Python, Prolog, Fortran77/90, *nix Shell Scripting, LaTeX

**OTHER ACTIVITIES**

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| Claremont Colleges Joint Music Concert and Chamber Choirs | September 2008 – present |
| Mood Swing a capella group | September 2008 – present |
| Claremont College Ballroom Dance Company, competition team | September 2008 – present |

**REFERENCES**

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| **Ben Liebald**<br>Software Engineer, Tech Lead<br>YouTube, Google<br>email: liebald@google.com | **Dr Zachary Dodds**<br>Associate Professor, Computer Science<br>Harvey Mudd College<br>email: dodds@cs.hmc.edu<br>phone: (909) 607-1813 |
| **Terry Miller**<br>Technician / Scientist, EES-16<br>Los Alamos National Lab<br>email: tamiller@lanl.gov<br>phone: (505) 667-8009 | **Dr Susan Martonosi**<br>Assistant Professor, Math<br>Harvey Mudd College<br>email: martonosi@math.hmc.edu<br>phone: (909) 607-0481 |