

Primary Employment References

Employer	Supervisor	Employment (Salary)	Hrs/Wk	Title	Job Description
UCLA Mathematics Department Box 951555 Los Angeles, CA 90095-1555 http://www.math.ucla.edu/	Joseph Teran Associate Professor UCLA Mathematics Department jteran@math.ucla.edu			Graduate Researcher	Researched embedded methods to simulate fracture and solve embedded Poisson problems.
UCLA Mathematics Department Box 951555 Los Angeles, CA 90095-1555 http://www.math.ucla.edu/	Maggie Albert Graduate Advisor UCLA Mathematics Department (310) 825-4971 malbert@math.ucla.edu	09/2005 (\$20.95/hr) to present (\$24.00/hr)	10	Teaching Fellow (end) Teaching Assistant (begin)	Led discussion sections twice a week to review lecture, tutored at the Student Math Center, prepared review sessions before exams, and held office hours to provide students with additional help.
Walt Disney Animation Studios 500 S. Buena Vista Street Burbank, CA 91521-4850 http://www.disneyanimation.com/	Arthur Shek Software Manager Look/FX/Dynamics arthur.shek@disneyanimation.com/	06/2008 (\$30.00/hr) to 09/2008 (\$30.00/hr)	40	Graduate Associate	Created a Maya plugin to volumetrically fracture nonvolumetric animation models.
The Aerospace Corporation 2350 E El Segundo Blvd. El Segundo, CA 90245-4691 http://www.aero.org/	Justin F. McNeill Engineering Manager Software Assurance and Applications Department (310) 336-7794 Justin.F.McNeill@aero.org William R. Pittman Engineering Manager Software Assurance and Applications Department (310) 336-1243 William.R.Pittman@aero.org	06/2007 (\$31.250/hr) to 09/2007 (\$31.250/hr) 06/2006 (\$29.375/hr) to 08/2006 (\$29.375/hr) 05/2005 (\$28.125/hr) to 08/2005 (\$28.125/hr)	40	Professional Non-Exempt Member of the Technical Staff Level 1	Supported various programming projects relating to SOAP (Satellite Orbit Analysis Program) and SRE (Software Reliability Engineering). Created and modified existing code in C, C++, and Perl. Used Qt 4 to develop cross-platform graphical user interfaces in C++. Designed and prototyped mathematical algorithms to solve problems.
Cardinal Academics http://www.cardinalacademics.com/	Jonathon Lotz (310) 560-9134 jonathon@cardinalacademics.com	03/2006 (\$40.00/hr) to 01/2007 (\$40.00/hr)	5	Private Tutor	Tutored students in a wide variety of subjects, including high school mathematics, SAT Math preparation, and AP Chemistry.
Hewlett-Packard Company 1501 Page Mill Road, Bldg. 2u Palo Alto, CA 94304-1126 http://www.hpl.hp.com/ (via Harvey Mudd College Mathematics Clinic) (http://www.math.hmc.edu/clinic/)	Gary J. Dispoto Department Manager Color & Precision Imaging Hewlett-Packard Company 1501 Page Mill Road, Bldg. 2u, ms 1160 Palo Alto, CA 94304-1126 (650) 857-5005 (voice) (650) 857-4320 (fax) gary.dispoto@hp.com Weiqing Gu Associate Professor of Mathematics at Harvey Mudd College (909) 621-8929 (voice) (909) 621-8366 (fax) gu@math.hmc.edu http://www.math.hmc.edu/~gu/	08/2004 to 05/2005 3.0 units credit	12	Project Manager	Headed a team of four to deliver to HP Labs several tools written in Matlab ^(R) to analyze and correct printer drift, as well as mid-year and final reports detailing our approaches. Presented our findings at Harvey Mudd College and directly to Hewlett-Packard in Palo Alto, CA.
Auditude TM , Inc. www.auditude.com development@auditude.com	Nicholas Seet Chief Technology Officer Gas Company Lofts 810 S Flower Street #1208 Los Angeles, CA 90017-4655 (310) 770-6450 (voice) (630) 214-2383 (fax) nseet@auditude.com	05/2004 (\$20.00/hr) to 08/2004 (\$20.00/hr)	40	Summer Intern	Constructed several test scripts to automate the execution, collection, and compilation of tests and their results, with the aim of optimizing the BroadcastID infrastructure. Wrote several technical summaries analyzing said results and recommending potential efficiency improvements.
Harvey Mudd College Department of Mathematics Summer Research 301 Platt Blvd. Claremont, CA 91711-5901 (909) 621-8023 (voice) (909) 621-8366 (fax) http://www.math.hmc.edu/ info@math.hmc.edu	Jon T. Jacobsen Assistant Professor of Mathematics at Harvey Mudd College (909) 607-7690 (voice) (909) 621-8366 (fax) http://www.math.hmc.edu/~jacobsen jacobsen@hmc.edu	05/2003 to 08/2003 \$3800 stipend	40	Research Student	Programmed (and used) several programs in Matlab ^(R) (totaling approximately 20,000 lines of code) to solve reaction-diffusion partial differential equations on growing 2-dimensional surfaces. Implemented several different numerical integration schemes to solve these systems of PDEs.
Harvey Mudd College Learning Program http://www.hmc.edu/acad/Learning/	Wendy Menefee-Libey Director of Learning Programs (909) 607-3626 wendy_menefee-libey@hmc.edu	01/2003 (\$8.25/hr) to 05/2005 (\$8.75/hr)	5	Academic Excellence Mathematics Learning Facilitator	Tutored students in linear algebra, differential equations, multivariable calculus, discrete mathematics; conducted workshops and exam review sessions.

Employer	Supervisor	Employment (Salary)	Hrs/Wk	Title	Job Description
Harvey Mudd College Computer Science Department Olin Science Center 1250 N Dartmouth Ave. Claremont, CA 91711-5980 (909) 621-8225 (phone) (909) 607-8364 (fax) http://www.cs.hmc.edu/computer_science@hmc.edu	Zachary Dodds Assistant Professor of Computer Science at Harvey Mudd College (909) 607-8990 (voice) (909) 607-8364 (fax) http://www.cs.hmc.edu/~dodds dodds@cs.hmc.edu	01/2002 (\$7.00/hr) to 05/2005 (\$10.00/hr)	5	CS60 Grader / Tutor	Graded course assignments; tutored students on the principles of computer science.

Additional References

Name	Relation	Position	Contact
David Y. Stodden	customer	Senior Project Leader Software Assurance and Applications Department The Aerospace Corporation	(310) 336-7992 David.Y.Stodden@aero.org
John M. Coggi	customer	Senior Engineering Specialist Software Assurance and Applications Department The Aerospace Corporation	(310) 336-9322 John.M.Coggi@aero.org
Myron J. Hecht	customer	Senior Engineering Specialist Software Acquisition and Processing Department The Aerospace Corporation	(310) 336-3521 Myron.J.Hecht@aero.org
Douglas J. Buettner	customer	Engineering Specialist Software Architecture and Engineering The Aerospace Corporation	(310) 336-5658 Douglas.J.Buettner@aero.org
Willard D. Downs III	mentor	Department Director Computer Systems Engineering Department The Aerospace Corporation	(310) 336-5320 Willard.D.Downs@aero.org
Andrew J. Bernoff	teacher, mentor	Full Professor of Mathematics at Harvey Mudd College	(909) 621-8687 (voice) (909) 621-8366 (fax) ajb@hmc.edu http://www.math.hmc.edu/~ajb/