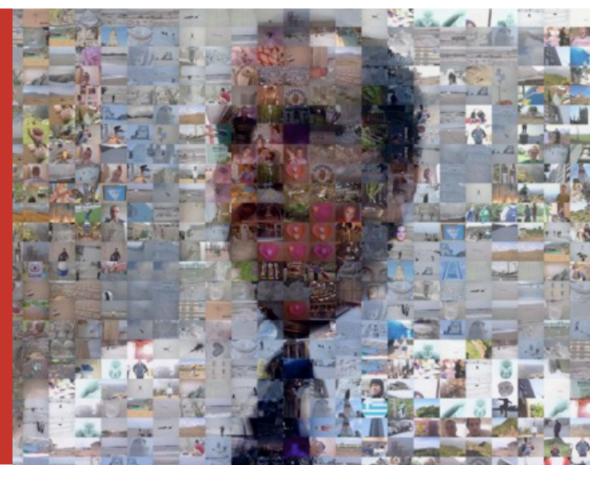# DAN LECOCQ

This is a mosaic of a picture of me made from pictures in my photo library.

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Dan Lecocq

My passion is computer science. When it comes to subjects in which I am interested, I participate, do any extra credit work available to me, and in the end, excel. I often receive the highest marks on exams of the class; that has been the case on three out of seven of my midterms this semester. In one class of particular interest (Scientific Computing), I have received on average more than 19 points in 20, and the highest overall grade.

I have made the Dean's list and honor roll multiple times. One semester my freshman year, I completed 20.5 credits hours with all As and one B, when the average student at my school takes 12 - 15 credit hours. In my first two years at CSM, I amassed 88 credits, putting me five credit hours shy of being a senior my third year.

In terms of relevant coursework, I've taken many of the mathematics courses at my school, from Calculus 1 through 3, Differential Equations, Linear Algebra, and Probability and Statistics. My computer science coursework consists of FOR-TRAN, C++, Data Structures, Software Engineering, Principles of Programming Languages, Algorithms, Machine Organization and Assembly Language, Database Management, Scientific Computing and Operating Systems. Next semester I'll be taking Artificial Intelligence, Computer Graphics, User Interface Design, Data Mining and Circuits, two of which are cross-listed as graduate-level classes.

Two summers ago I helped out with an on-campus research group called Toilers. They do research into wireless sensor networks (WSNs), and I helped write

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and rewrite some of their simulation trace interpretation software.

In my junior year abroad at Tohoku University in Japan, I fulfilled lab research requirements working on a web app that made use of human computation. Inspired by Luis van Ahn's work, I worked on a lyrics database that used user input from browsing to score and rank versions of lyrics. I will be spending this summer participating in a competitive internship at a web-conferencing software company, ReadyTalk, writing scripts to automate their deployment to new servers.

My friend Alan runs a conversation table for high school students to practice Japanese, and I've participated in that. A local cafe features weekly chess tournaments in which I regularly participate, and my freshman year I started a much-needed chess club at my university. In high school I ran cross-country and wrestled, and I swam for both my high school and college teams.

I spend a large portion of my time helping my peers, especially a couple of students, with their coursework. I've met with them in the library, in labs, and even in my home, and it has been one of the more rewarding experiences I've had in school. In weeks where we have labs due for my Operating Systems class, I typically spend 8-10 hours in the lab helping other students. They sometimes even line up to ask questions!

I've participated in Circle K projects (Circle K is a national volunteer group that provides community service), and in October 2004, I was received the New Member of the Month Award. I think that volunteerism is important not only for pragmatic reasons, but also for building a sense of community. The bonds I've shared because of tutoring students and helping peers have been very rewarding.

My father and his side of the family are French, and I have spent almost six months in France learning about my roots and French culture. I've spent 11 months in Japan in a study-abroad program at Tohoku University. My time there consisted mostly of Japanese classes and research at my lab, but my friends and I found time to hike and travel around (notably to their internationally-renowned snow-sculpture festival in Hokkaido) and appreciate the natural beauty of Japan.

I aspire to be a global citizen - while attached to a state, a traveler between tribes and nations, and a member of an even larger international community. Being a global citizen includes being a contributing member of society, in both economic and social terms. As technology plays an growing role in our lives, access to and use of new technologies for growth and good should be supported. I'd like to be a part of that global development.

LCD Globe
I took this picture at Tokyo's National Science Museum. It's a giant globe suspended high above the floor that displays satellite images of earth.