

Clinton Maurice Bowen II

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Objective

By means of full-time employment and or by internship to join the team of a company, corporation, or government entity, where I can assist in its overall growth, by utilizing my mathematical and programming skills. For the right opportunity, I am willing to travel and or relocate.

Education

<i>Associate's Degree, Transfer Studies</i> College of the Canyons, Santa Clarita, CA	May 2007
<i>Bachelor of Science, Applied Mathematics</i> California State University of Northridge, Northridge, CA	May 2010
<i>Graduate Student, Applied Mathematics: Computational Mathematics</i> California State University of Northridge, Northridge, CA	July 2010 - Today

Research & Papers

- “Lie Groups, Homogeneous Manifolds, and Complex Projective Spaces” by Atour Bean, Clinton Bowen, and Mayra Moran. Partially supported by NSF grant DMS-0502258, May 2009.
 - 9 month research work and presentation performed in collaboration with two other individuals and one advisor. (Note: This project partially funded by NSF Grant DMS-0502258.) (May 2009)
- Currently Researching the Risch Algorithm for Symbolic Integration.

- Current ongoing research work to develop and contribute code for Risch Algorithm to SAGE and/or MAXIMA open source computer algebra systems. Reading references include *Symbolic Integration I-Transcendental Functions*, by Manuel Bronstein.
- CSUN Senior Engineering Project Contributor
 - Contributor in developing C++ and C code in computer vision for the University's Unmanned Vehicle Team. Tasks included improvement of computer algorithms to read English phrases from video and still images.
- Participant in the 2010 Mathematical Contest in Modeling (MCM)
 - Participant in team task using mathematical modeling to present solutions to real world problems. Project included successful modeling on serial criminal activity to predict future occurrences.

Computing Skills

A portfolio of code is available at <http://www.csun.edu/~cmb33595/portfolio.html>

Software/Language/Libraries	Knowledgeable	Good	Great
Python			X
Sage			X
MATLAB & Octave			X
PHP		X	
MySQL		X	
L ^A T _E X			X
C	X		
C++		X	
SciPy	X		
NumPy	X		
Mathematica		X	
Renderman	X		
Linux		X	
OpenCV		X	

Memberships, Honors, and Interests

- California State University Math Club Club Secretary (2008-2009)
- Photographers Forum Magazine Finalist in Best College Photography Contest (2009)
- Boy Scouts of America Eagle Scout and younger scout mentor (Troop 118, Chatsworth, CA)
- Other Hobbies/Interests Ice Hockey, Golf, Photography, Music.

Salary and Commissions

Open and commensurate with occupation.

References

Available upon request