

AMANDA WRIGHT

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SUMMARY OF QUALIFICATIONS

- Mastery in optimization methods with implementation on the VLSI placement problem and TWTA design.
- Expertise solving partial differential equations using finite differences and finite elements, incorporating multigrid techniques.
- Substantial experience programming in Matlab and C++; additional experience using Meta Language, VBA, and Python.
- Proficiency using Windows, Macintosh, Linux operating systems; Mathematica, Matlab, Maple scientific calculators; and Microsoft Office.

EDUCATION**Bachelor of Science in Mathematics**

Spring 2010

Minor in Information Technology

CSU Channel Islands, Camarillo, CA

WORK EXPERIENCE*Senior Financial Analyst Intern*

May 2009-Present

Morgan Stanley, Los Angeles, CA

- Cultivated over 200 prospects for follow-up by senior financial advisors
- Prepared month-end reports for review by department head, which resulted in increased flow of information to management
- Recognized as the only intern who was elevated to the rank of Senior Financial Analyst Intern

TEACHING EXPERIENCE*Senior Supplemental Workshops Facilitator*

Aug. 2009-Dec. 2010

CSU Channel Islands, Camarillo, CA

- Lead a senior-level workshop consisting of 20+ students in Real Analysis and Calculus 1, 2, and 3
- Facilitated workshops for a group of 30+ students that included concept enhancement, problem-solving, review, and mock quizzes

Teaching Assistant

Migrant Education Programs, CSU Channel Islands, Camarillo, CA

- Taught a group of 20 bilingual students arithmetic
- Instructed English Language Learning (ELL) students about basic computer instruction and software for remedial education
- Introduced students to utilization of graphing calculators in order to conduct mathematical problems

PROFESSIONAL INVOLVEMENT & ACHIEVEMENTS*Member, American Mathematical Society*

May 2010-Present

Member, Society for Industrial and Applied Mathematics

May 2009-Present

Recipient, Semester Honors, CSU Channel Islands

Dec. 2008-May 2010

President, Mathematics Club, CSU Channel Islands

Aug. 2008-May 2010