

Dominique McCraney

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COMPUTER AND ELECTRICAL ENGINEERING QUALIFICATIONS

- Strong communication skills including the ability to summarize information in presentations, reports and journal articles.
- Highly organized, detail-oriented, analytical and innovative thinker and strong team player.
- Abilities to conduct library research and document lab research in detailed or summary notes.
- Technical skills and specialized knowledge gained via engineering courses.
- Programming Languages: C++, JAVA, HTML, VHDL
- Systems: Windows, Unix, MacOS, and Linux
- Computer Skills: Microsoft Office Word, Excel, PowerPoint, Publisher, Access, Adobe Photoshop, and Acrobat.
- Moderate understanding and conversational abilities in German & Chinese.

COMPUTER AND ELECTRICAL ENGINEERING EDUCATION

JACKSON STATE UNIVERSITY

Bachelor of Sciences, Computer Engineering

- Overall GPA: 2.968/ 4.0
- Jackson State Collegiate Tennis Team
- National Society of Black Engineers
- Society of Women Engineers
- The National Society of Leadership & Success

MS DELTA COMMUNITY COLLEGE

Associate of Arts, Computer Information Systems

- Overall GPA: 3.52 / 4.0; Dean's List 2/2 Eligible Semesters

UNIVERSITY OF ROCHESTER

Bachelor of Sciences, Electrical and Computer Engineering

- Public Relations Officer, Computer Interest Floor
- Vice President, National Society of Black Engineers
- Society of Women Engineers

JACKSON, MS

Anticipated May 2013

MOORHEAD, MS

Graduated June 2009

ROCHESTER, NY

Transferred July 2008

HONORS AND AWARDS

- Tennis Leadership Award
- W.E.B. Dubois Honors College
- Best Photography in JSU Juried Show
- Mississippi Collegiate Arts Competition Gallery Participate

TECHNICAL AND GENERAL EXPERIENCE

JACKSON STATE UNIVERSITY NEWSPAPER AND YEARBOOK

Lead Photographer and Photographer Editor

- Photographed Jackson State University official events and various events regarding JSU.
- Designed Jackson State University yearbook.

JACKSON STATE UNIVERSITY THEATRE &

Sound Technician

- Operated and maintain the technical equipment used to amplify, enhance sound for "The Color Purple" production.
- Consulted with director and performers to determine the sound requirements need during production.
- Monitored audio signals to detect sound-quality deviations or malfunctions.

WXRJ 94.9 FM

Technical Intern

- Provided service announcements during radio broadcasts
- Provided technical help and program experience to enhance the listeners experience.

STATE FARM

System Analyst

- Develop launch page for State Farm product, "Drive Safe & Save" for use in testing.
- Design a conflicts and resolutions database for developers frequently have problems with the Unified Auto Experience

JACKSON STATE UNIVERSITY

Computer Engineering Teaching Assistant

- Assessed student papers and tutored students.
- Assisted students with digital logic and engineering projects.
- Familiarized students with oscilloscope, power supply, digital multimeter, and various lab equipment to conduct quantitative analyses.

WORKSHOP ON KNOWLEDGE MANAGEMENT CAPACITY IN AFRICA

SUDAN, AFRICA

JACKSON STATE UNIVERSITY CENTER FOR STUDENT ENGAGEMENT AND INCLUSION SHANGHAI, CHINA
Service Learning November 2011

- Develop an understanding of different cultures through daycares, elementary, and high schools.
- Interacted with Asian collegiate student to enhance English skills through interactive learning.
- Engaged with senior citizens to introduce them to American culture through music.

STATE FARM BLOOMINGTON, IL
System Analyst May-August 2011

- Develop launch page for State Farm product, "Drive Safe & Save" for use in testing.
- Design a conflicts and resolutions database for developers frequently have problems with the Unified Auto Experience

STEVENS INSTITUTE OF TECHNOLOGY HOBOKEN, NJ
Research Experience for Undergraduate May-July 2010

- Researched Integrated Software Radio and Radio Frequency Test Bed for Wireless Research in Cognitive Networks.
- Designed digital spectrum analyzer application that computes the Discrete Fourier Transfer, to be used on the iPhone and Android Software Development Kit.

UNIVERSITY OF ROCHESTER INFORMATION TECHNOLOGY SERVICES ROCHESTER, NY
Computer Assistant & Consultant May-August 2008

- Provided friendly, courteous, and helpful service.
- Designed and keyed in information into a database.
- Responsible for various other duties as needed and as assigned.

INTEGRITY SECURITY SYSTEM GREENVILLE, MS
Outside and In-House Sales Consultant May-August 2007

- Sold Security Systems to homeowners and business owners.
- Assisted new sales consultant with sale's strategies.
- Developed and designed new business brochure, booklets and flyers.

UNIVERSITY OF ROCHESTER CAREER CENTER/ STUDENT EMPLOYMENT ROCHESTER, NY
Student Assistant December-May 2007

- Assisted students and alumni in utilizing the Career Center services.
- Provided front desk support including phones with many lines, opening mail, filing, copying, running errands.
- Responsible for giving instructions to students and employees regarding to the use of student employment and careers.

CAMP TIK-A-WITHA VAN VLEET, MS
Camp Counselor August -May 2006

- Helped Girl Scouts of all ages adjust to camping and living in an outside camping environment.
- Responsible for the care, safety, and guidance of the girls in the week-long, overnight camp program.
- Developed and maintained relationships with girls through leadership, direction, supervision, and discipline for activities.
- Know about allergies and/or medications necessary for any of the campers in my cabin group.

MS SCHOOL FOR MATH AND SCIENCE VISION NEWSPAPER COLUMBUS, MS
Staff Writer / Photographer/ Web Mistress August 2004-May 2006

- Wrote articles and took photos of events.
- Redesigned the newspaper website.

MISSISSIPPI SCHOOL FOR MATH AND SCIENCE COLUMBUS, MS
Spanish Teacher January -May 2005

- Taught Elementary Spanish to 1st and 3rd grade students at Franklin Academy.
- Use music, games, role-play, stories, art, culture, video, and drama to teach Spanish in a fun, natural, and effective mode.

JOHN COX, III LAW OFFICE GREENVILLE, MS
Legal Assistant May-August 2004

- Used Dictaphone to type legal documents.
- Provided friendly, courteous service to clients.
- Provided front desk support including phones with many lines, opening mail, filing, copying, running errands.

COMMUNITY AND OUTREACH SERVICE EXPERIENCE

- Drew Carey & Comedy Volunteer
- Hawkins Air Field Show
- Habitat for Humanity/ Metro Jackson
- Lego Competition Volunteer
- Meliora Weekend
- The Hope Center Graphic Designer
- NAACP Youth & College, Secretary
- Mu Alpha Theta Math Tournament (High School Students)
- Society of Women Engineers Girl Scout's Day
- Spanish Teacher at Franklin Academy
- St. Jude Hospital Fundraising Carnival
- WJSU 88.5 Jazz Program Telethon
- Feminist Majority Volunteer
- Jackson Political Action Coalition