

# DANIEL M. CLIFFORD

## LOCAL ADDRESS

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## PERMANENT ADDRESS

711 Ironwood Way  
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## OBJECTIVE

Seeking a challenging fulltime position in the Computer Engineering field utilizing computer programming and hardware design skills. Available January 2012

## EDUCATION

**University of Michigan**  
*B.S.E in Computer Engineering*  
GPA: 2.82/4.0

Ann Arbor, MI  
December 2011

- Computer Organization
- Data Structures and Algorithms
- Digital Signal Processing and Analysis
- Embedded Control Systems
- Design Logic
- Digital Integrated Circuits
- Computer Architecture

## RELATIVE EXPERIENCE

**Military Sealift Command Headquarters Co-Op**  
*Project Manager*

Washington D.C.  
June 2011 – Present

- Secret Security Clearance
- Government Oversight of multiple Information Technology projects
- Ensure delivery of products according to desired specifications

**Digital Signal Processing Lab**  
*Student/Developer*

Ann Arbor, MI  
January 2011-April 2011

- Developed interfacing method between FPGA and Microsoft Kinect
- Established algorithm for translating hand motion into op-codes commands
- Integrated wireless RF modules to transmit op-codes to iRobot for movement

**Camp Caen (University of Michigan)**  
*Instructor*

Ann Arbor, MI  
June 2010-August 2010

- Taught Web-Design (HTML, CSS) to students
- Assisted in teaching intermediate C++

## OTHER EXPERIENCE

**Global Intercultural Experience for Undergraduates**  
*Preserving Ecology and Local Culture in a Global World*

Bali & Java, Indonesia  
May 2011-June 2011

- Explored local cultures to understand responses to global pressures
- Acted as Government liaisons between the local people and government officials

## COMPUTER SKILLS

Environments: Windows/Linux/Mac  
Applications: Microsoft Office, Visual Basic, AutoCAD, Matlab, Mathematica, Maple, SPICE  
Languages: HTML, C++, C

## AWARDS

- Dean's List Winter 2011, College of Engineering
- Michigan Promise 2007, Michigan Department of Treasury

## ACTIVITIES

- CSE Scholars, Corporate Relations Chair, November 2010 – Present
- Kinect Martial Arts, Instructor, Fall 2003 – Present

REFERENCES AVAILABLE UPON REQUEST