

# Kaleah D. Lambert

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## **OBJECTIVE**

To obtain a position in the area of Transportation Planning and/or Transportation Engineering

## **EDUCATION**

Georgia Institute of Technology

Masters of Science in Civil Engineering and Masters of City and Regional Planning, expected May 2009

Georgia Institute of Technology, Atlanta, GA

B.S., Civil Engineering, December 2005

Fort Valley State University, Fort Valley, GA

B.S., Mathematics, May 2003

## **WORK EXPERIENCE**

### **Graduate Research Assistant**

Georgia Institute of Technology Center for Quality Growth and Development, Atlanta, GA (8/07 to )

- Assists with the research of major projects in the areas of: transportation, environmental health, bike and pedestrian safety, and traffic operations.

### **Transportation Design Engineer I**

Post, Buckley, Schuh, & Jernigan, Inc., Atlanta, GA (1/06 – 8/07)

- Utilized road design software Microstation V7 and CAICE to create roadway profiles for both urban and rural areas.
- Completed the Graduate Transportation Training Program where 18 months were spent rotating within the following transportation divisions: Aviation, Environmental Planning, Traffic Engineering, and Right-of-Way. 2-3 months were spent in each area.

### **Construction Services Intern**

Post, Buckley, Schuh, & Jernigan, Inc., Atlanta, GA (5/05 to 8/05)

- Assisted the PBS&J Construction Team with NPDES project management.
- Generated monthly, daily, and rainfall event reports.
- Monitored ½ inch rainfall events and erosion control policies and procedures utilized by select contractors and/or clients.

### **Traffic Operations Intern**

Georgia Department of Transportation, Atlanta, GA (6/04 to 12/04)

- Assisted State Traffic Engineer and State Signal Engineer with maintenance and evaluation of state signal timing contracts.
- Aided with the maintaining of fiber optic cables and operations throughout the city of Atlanta.

### **Tutor and Mentor**

Georgia Institute of Technology, Atlanta, GA (10/03 to 5/05)

Center for Education Integrating Science, Mathematics, and Computers (C.E.I.S.M.C.)

- Acted as both a mentor and tutor to students at Renfroe Middle School and Decatur High School. Subjects tutored included but were not limited to: Mathematics (Trigonometry, Basic Algebra,

Algebra II, Geometry, and Calculus); Science (Chemistry, Biology, and Physical Science); and English.

### **Hydrologist Technician Intern**

United States Geological Surveys, Atlanta, GA

(5/03 to 8/03)

- Performed water quality testing, monitoring, and analyzing.
- Assisted with biweekly sonde and gage house inspections and calibrations.
- Performed low flow and high flow synoptic water sampling.
- Performed various lab duties such as: water sample processing, equipment sterilizing, and bacteria synoptics.

### **Research Assistant**

Department of Energy Albany Research Center, Albany, OR

(6/02 to 9/02)

- Worked in the metallurgical chemistry lab of the Albany Research Center. Performed experimental tests conducted with various metals and ceramics.
- Operated laboratory machinery such as: metal pressers, calibrators, and high temperature furnaces.
- Composed a scientific paper titled: "Assessment of potential thermocouple barrier coatings for gasifiers."
- Presented paper and PowerPoint presentation of summer research at the United States Department of Energy, Office of Fossil Energy: Mickey Leland Energy Fellowship Technical Forum August 2002.

### **Computer Clerk**

Bonneville Power Administration, Vancouver, WA

(6/01 to 6/02)

- Performed system installations. Assisted with software installations and updates such as: NAV 6.0, Microsoft Office, AutoCAD, etc.
- Assisted with trouble-shooting on personal computers and laptops.

### **SKILLS**

Microsoft: Access, Excel, Power Point, and Word, MATLAB 6.5, Microstation V7, CAICE, AutoCAD, Solid Edge, Unix, technical writing

### **ACTIVITIES AND PROFESSIONAL ORGANIZATIONS**

- American Planning Association
- American Society of Civil Engineers
- Atlanta Metro Younglife Mentor
- Institute of Transportation Engineers
- New Mercies Christian Church Dance Ministry
- Student Planning Association Georgia Tech Student Chapter
- Transportation Research Board
- Women's Transportation Seminar (WTS)