

in the course of J2EE development, and Microsoft Visual Studio, Visual SourceSafe, and MS SQL Server for ASP.NET projects

- Worked with clients from all industries, including Georgia Lottery, Blooming Cookies, Professional Landcare Network, Stryker, RaySat, and the National Air Traffic Controllers Association.

May 2001
to July 2004

College of Computing, Georgia Tech
Teaching Assistant

Atlanta, GA

- Teaching Assistant for multiple courses during undergraduate education: Introduction to Algorithms, Object-Oriented Programming, Computing for Engineers, Languages and Translation, and Digital Design Lab.
- Lectured two hours weekly during recitation on course topics to class of 20 to 40 students.
- Developed autograders using UNIX shell scripting and C, as well as autograders in Java to facilitate grading in a large classroom environment.
- Worked closely with faculty, staff, and other project developers in an administrative context to design course materials such as homework assignments, while additionally performing normal Teaching Assistant duties. Authored assignments available on request.

May 2002
to Aug 2002

Prism Systems, Inc.
Project Engineer

Mobile, AL

- Assisted in the design of control systems with Allen-Bradley programmable logic controllers.
- Documented alarm schedules, sequential function charts and other factory floor diagrams for plant operators.
- Developed alarm systems with Wonderware SCADAalarm.
- Facilitated plant startups in industry sectors involving motion-based control.

Education

North Carolina State University

Raleigh, NC

M.Eng, Electrical and Computer Engineering

2009 (Expected)

Courses include Error-Control Coding, Software Engineering, Computer Networks, Digital ASIC Design, and Object-Oriented Languages and Systems.

Georgia Institute of Technology

Atlanta, GA

BS, Computer Engineering

2004

Graduated with high honors.

Alabama School of Mathematics and Science

Mobile, AL

General Studies

2000