

# J. Adam Sowers

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## OBJECTIVE

To obtain a challenging and rewarding full-time opportunity in the field of computer science or computer engineering.

## EDUCATION

### University of Virginia

Class of 2002

Charlottesville, VA

- School of Engineering and Applied Science
- BS in Computer Engineering, Computer Science
- Minor in Applied Mathematics
- Undergraduate Thesis Project:  
"Using Identity-Based Encryption to Eliminate Certificates in SSL Transactions"

## PREVIOUS EXPERIENCE

### University of Virginia CS dept.

Charlottesville, VA

Fall 2001

Teaching assistant – Assisted students in computer science coursework and laboratories

### Arista Laboratories

Richmond, VA

Summer 2001

Network Administrator – Managed Windows NT domain for analytical laboratory test stations  
Programmer – Designed various quality control applications for ISO 17025 accordance

### Mid-Atlantic Twin Registry (VCU)

Richmond, VA

Summer 2000

Programmer – Designed and programmed various database utilities for Microsoft SQL database including duplicate searching and data import algorithms

### Virginia Online Realty, Inc.

Midlothian, VA

Spring 2000

Graphic Designer - Designed logo, letterhead, and flyer for web site

### KC Automation

Richmond, VA

Summer 1998

Technician – Performed fabrication of precision test equipment for industry use

### Borgwaldt Technik GmbH

Hamburg, Germany

Summer 1998

Programmer - Designed and programmed data collection interface in Visual Basic from precision industrial lab measurement instruments to Microsoft Excel using RS-232 port

## SKILLS

**Proficiencies:** Computer hardware, Microsoft Visual C++, HTML, JavaScript, Adobe Photoshop, Windows 95, 98, 2000, Mac OS

**Knowledgeable:** Microsoft Visual Basic, UNIX, Linux, computer networking

## AWARDS AND HONORS

Eagle Scout – Boy Scouts of America

Chesterfield County Youth Award 1999

Philip Morris Scholarship recipient 1998

## REFERENCES

Gene Gillman (Arista Laboratories)

(804) 271-5572

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James Ward (Mid-Atlantic Twin Reg.)

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*Additional references are available upon request.*