

# Brian Stadler

SOFTWARE ENGINEER - WILLING TO RELOCATE

☎ (+1) 336-686-5010 | ✉ bdotstadler@gmail.com | 💻 brian-stadler0

## Experience

---

### Atos (Acquired Unify in 2015)

[www.atos.net](http://www.atos.net)

**CONSULTANT** (large telecommunications systems)

Aug. 2016 - Present

- Consult on customer project installations which include products from the Unify Inc. portfolio such as VoIP call controllers, phones and phone management, remote branch offices, session border controllers, unified communications, and etc.
- Technical project lead for Department of Defense installations.

### Unify Inc. (formerly Siemens Enterprise Communications)

[www.unify.com](http://www.unify.com)

**SOFTWARE TEST ENGINEER** (large telecommunications systems)

Aug. 2010 - Aug. 2016

- A core team member handling our Department of Defense (DoD) certification on site in the Joint Interoperability Test Command (JITC) lab. Responsible for all Information Assurance requirements for the project. [jtc.fhu.disa.mil/index.aspx](http://jtc.fhu.disa.mil/index.aspx)
- Primary Duty - Security testing of voice and unified communications products during the development phase.
- Manage multiple third party vendors to obtain product security certifications.
- Authored new customer facing solution wide security documentation.
- Part of the platform level team that created a new-to-market cloud based audio/video, messaging, screen and file sharing team collaboration service named *Circuit* using new WebRTC technologies with seamless integration between the browser and mobile devices. [www.circuit.com](http://www.circuit.com)
- Work with software engineering teams to provide input and design guidelines for new and existing product features.
- Plan, create, execute and maintain test cases, test strategies and results for new and existing features. Testing areas included sanity, functional, system, end-to-end, stress and regression testing.
- Interact with globally distributed engineers and developers to debug, track, and resolve all found problems.
- Utilize in-house and third party tools to automate test execution and perform destructive testing (fuzzing). Examples include Nessus, Qualys, MetaSploit, ZAP, and other tools commonly found in places such as the Kali Linux distribution or the OWASP guide.
- Inspect available code for errors.

### University of North Carolina at Greensboro - Computer Science Dept.

[www.uncg.edu](http://www.uncg.edu)

**GRADUATE RESEARCH ASSISTANT**

Aug. 2008 - May. 2010

- Master's Thesis work and research.

### University of North Carolina at Greensboro - Computer Science Dept.

[www.uncg.edu](http://www.uncg.edu)

**RESEARCH ASSOCIATE**

Jan. 2008 - Aug. 2008

- Work to test, maintain, and evaluate a professor's AI research prototype system.

### University of North Carolina at Greensboro - Teaching & Learning Center

[www.uncg.edu](http://www.uncg.edu)

**STUDENT TECHNOLOGY CONSULTANT**

Aug. 2005 - Dec. 2007

- Provide faculty and staff with training necessary to become self sufficient with current and new technology.
- Help maintain departmental website.
- Help support various parts of the Blackboard Academic Suite.

### University of Kansas Athletics (KUAC)

[www.kuathletics.com](http://www.kuathletics.com)

**ASSISTANT MANAGER OF INFORMATION SYSTEMS/SYSTEM ADMINISTRATOR**

Mar. 2000 - Jul. 2004

- Deployed Cisco enterprise Firewall/VPN Solution. First to deploy firewall at building level on entire campus.
- Co-responsible for approximately 300 nodes on network.
- Implemented a passive network monitoring system to monitor employee Internet traffic.
- Implemented an active content blocking system to monitor and actively block a student lab within KUAC.
- Implemented initial HIPAA requirements for the athletic departments in house medical center.
- Converted existing public Internet site from MacOS/WebStar to OpenBSD/Apache solution and implemented a new ad delivery/control system into the site. [www.kuathletics.com](http://www.kuathletics.com)
- Maintained and help deploy KUAC's E--Commerce site. [www.kustore.com](http://www.kustore.com)
- Implemented and maintained original Windows NT 4.0 domain along with an integrated backup solution.
- Implemented an email/paging system for KUAC's server room.

## Education

### University of North Carolina at Greensboro

B.S. IN COMPUTER SCIENCE

- Minor: Mathematics

Greensboro, NC

2004 - 2007

## Honors & Awards

- Received an award for Outstanding Presentation by a Pre-Doctoral Student for my talk on “Evolutionary Dynamics: From Small-Worlds to Random Graphs” at the International Conference on Advances in Interdisciplinary Statistics and Combinatorics in Greensboro, NC. [www.uncg.edu/mat/aisc/index.html](http://www.uncg.edu/mat/aisc/index.html) - 2007
- Received the M. Russell Harter Award for most outstanding student research project in the sciences in the College of Arts and Sciences. Award included a one thousand dollar prize. [ursco.uncg.edu/ugexpo/awards.php](http://ursco.uncg.edu/ugexpo/awards.php) - 2007

## Publications & Papers

- Jan Rychtar, Brian Stadler. Evolutionary Dynamics on Small-World Networks. *International Journal of Computational and Mathematics Sciences*, 2(1):1-4, 2008.
- M. Broom, J.Rychtar, B.Stadler. Evolutionary Dynamics of small--order graphs. *Journal of Interdisciplinary Mathematics*, 12(2):1-12, 2009.
- M. Broom, J.Rychtar, B.Stadler. Evolutionary dynamics on graphs - the effect of graph structure and initial placement on mutant spread. *Journal of Statistical Theory and Practice*, 5(3), 2011.
- Nancy Green, Rachael Dwight, Kanyamas Navoraphan, Brian Stadler. Natural language generation of biomedical argumentation for lay audiences. *Argument and Computation*, 2(1):23-50, 2011.

## Research Experience

### Masters Thesis Research

COMPUTATIONAL ARGUMENT GENERATION AND AGGREGATION OF BAYESIAN--BASED CORPORA OF GENETIC DISEASES FOR LAY AUDIENCES. (ADVISOR NANCY GREEN)

UNCG

2008 - 2010

### Math/Biology Fellowship

GRANTED A YEAR LONG NSF FUNDED MATH/BIOLOGY FELLOWSHIP. CONTINUED RESEARCH ON MORAN PROCESS AND ITS APPLICATION TO GRAPHS. (MENTOR JAN RYCHTAR)

UNCG

Jan. 2007 - Dec. 2007

### Undergraduate Research Assistantship

WORKED WITH MENTOR ON EXPLORING THE MORAN PROCESS AND ITS APPLICATION TO GRAPHS. (MENTOR JAN RYCHTAR)

UNCG

Jan. 2006 - Dec. 2006

## Skill Sets

### Operating Systems

SUSE Enterprise Linux, Fedora Linux, Ubuntu Linux, OpenBSD, FreeBSD

### Programming Languages

Prolog, C++, Python, [some Java, HTML, Assembly, and shell scripting]

### Methodologies

Agile, Scrum, Waterfall, System & Software Design, Testing (Sanity, Functional, System, End-to-End, Stress and Regression)

### Protocols

VoIP (SIP, CSTA, MGCP, RTP, SRTP, MIKEY, SDP, DTLS), TCP/IP, IPSec, SSL/TLS, PKI

## Extracurricular Activity

- Camping, hiking, mountain biking, and being outdoors with the dogs. Volunteer maintaining and building new trails.

