

Daniel Kitchener

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206-265-9362

Six years of industry experience in software quality engineering, authentication protocols (SSL/TLS, Kerberos, NTLM, Netlogon as well as the associated PKI), user identity, security, interoperability, test automation frameworks, debugging, and performance. Experience is mostly with Windows, but competent in Linux/UNIX also.

Skills

- Test Automation
- Testing
- Security
- Debugging
- Powershell
- Telemetry
- HTML
- Usability Testing
- OOP
- SQL
- C#
- Visual Studio
- C++
- Software Quality Assurance
- Python
- Java
- CSS
- JSP
- PKI
- .NET
- Windows
- Computer Science
- SSL
- C
- Software Development
- PHP
- Manual Testing
- ASP.NET
- Linux

Experience

Microsoft

03 / 2012 - 07 / 2014

Software Development Engineer in Test II

Software Development in Test II handling authentication protocols - SSL/TLS, Netlogon, NTLM, Negotiate, etc. Writing test automation+frameworks, protocol interoperability testing, instrumentation/analysis, bug triage, guidance to internal developers on using our features, etc.

Microsoft

06 / 2008 - 03 / 2012

SDET

Test automation+frameworks and protocol interoperability testing, mostly in the SSL/TLS space, but also working on PKI (certificates), other authentication protocols such as Kerberos, and UI automation/testing for WinRT components

Georgia Tech Intramurals

2005 - 2008

Supervisor

Supervise, evaluate, and train sports officials; provide crowd control for rowdy games and assist officials with ejecting uncooperative players; provide first aid for sports-injuries; referee games as needed

Microsoft

2007 - 2007

SDET Intern

UAC test team - wrote test code to validate process block inheritance between elevated processes launched by unelevated processes and vice versa; also wrote tools for internal developers to easily add elevation requirements to their embedded binary manifests

FPL

05 / 2006 - 08 / 2006

Intern, Distribution

Developed a business intelligence reporting site from scratch that estimates project costs based upon a heuristic that looks at past costs.

Education

Georgia Institute of Technology

2004 - 2008

Bachelor of Science , Computer Science

Patents

Resource Access Authorization

Filed , 09 / 2011

US · Inventors: Daniel Kitchener, Jeremy Viegas, private private, Oludare Obasanjo, Stephen R. Gordon, Alex Radutskiy, Phil Hallin · [http://appft1.uspto.gov/netacgi/nph-Parser?](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=/netahtml/PTO/srchnum.html&r=1&f=C)

[Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=/netahtml/PTO/srchnum.html&r=1&f=C](http://appft1.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PG01&p=1&u=/netahtml/PTO/srchnum.html&r=1&f=C)

Techniques for resource access authorization are described. In one or more implementations, an application identifier is used to control access to user resources by an application. A determination is made whether to allow the application to access the user resources by comparing an application identifier received from an authorization service with a system application identifier for the application obtained from a computing device on which the application is executing.