# Michael R. Dempsey

|  |  |  |
| --- | --- | --- |
| [bluestealth@bluestealth.pw](mailto:bluestealth@bluestealth.pw) | Seattle, WA | (571) 308-9167 |

# Work Experience

|  |  |  |
| --- | --- | --- |
| Full Stack Developer | Operation Brush, NPO. | February 2015 - June 2015 |
|  | Las Vegas, NV |  |

− Created a mobile friendly responsive website using Bootstrap and jQuery.

− Used an Arch Linux Docker Container to host the Node.js backend application that handled payment processing and web serving.

− Used Nginx as a reverse proxy to terminate https sessions and load balance between docker containers as well as cache static content.

− Used https and browser security policy configuration to protect donor’s information in transit.

|  |  |  |
| --- | --- | --- |
| Software Engineer | Northrop Grumman Corp | November 2012 - August 2013 |
|  | McClellan, CA |  |

**Airborne Hardware**

− Tracked down and fixed a bug originating in the embedded C/C++ networking code from a user bug report of an

issue with our desktop java client.

**Network Tools**

− Worked on a project utilizing Java, Python, Jython, and Ptolemy to produce information about nodes in a

computer network by simulating l2/l3 behavior on generic hardware from captured configurations.

**Hardware Simulation**

− Worked on a project utilizing Java, Python, and C to simulate a an airborne sensor. Worked on improving build scripts and integrating code for a release.

**Healthcare Website**

− Worked on a project utilizing Java and Struts framework to provide a healthcare website and user management interface. Worked on code that would interface with third party companies and government agencies while protecting

personally identifying information from exposure.

|  |  |  |
| --- | --- | --- |
| Network Technologist | Raytheon Corporation | August 2011 - September 2012 |
|  | Research Triangle Park, NC |  |

− Monitored the Environmental Protection Agency’s national network and various datacenters which serves about 15,000 users.

− Worked with server administrators and customers to isolate and fix issues in the network.

− Worked with network security team to track down and eliminate network threats.

− Designed and implemented changes across the EPA’s network.

− Created and debugged shell scripts to automate deployment of configurations to Cisco Routers and Switches and gather network statistics.

− Maintained a lab environment to test network and server configurations.

|  |  |  |
| --- | --- | --- |
| Network Administrator | Swisscom Hospitality Services | October 2005 - May 2007 |
|  | Dulles, VA |  |

− Managed Swisscom North America’s Windows Domain.

− Deployed and maintained applications on Windows and Linux.

− Assisted users both on-site and off-site users with various technical issues.

# Education

George Mason University, Volgenau School of Engineering May 2011

Bachelor of Science, Computer Science

George Mason University, College of Science May 2011

Bachelor of Science, Applied Mathematics and Physics

# Computing Skills

Operating Systems: Extensive experience on Arch, RHEL, and Debian Linux

Experience on Solaris and other Unixes

Computer Languages: Extensive experience with C, Java, Matlab/Octave

Experience with Python, Ruby, C++, TCL/Expect, JavaScript, HTML, CSS

Databases: SQLite, mongoDB, PostgreSQL

Frameworks: Bootstrap, Node, Rails

Tools: Docker, Git, Qemu, Ant, VMware