

John-Michael Reed

johnmichaelreedfas@gmail.com

About

Loves working on personal projects, can quickly pick up various languages and frameworks, free to relocate.

Employment History

Amazon AWS Engineer - VPC

Dec 2016 - Current

API's in Java, Blackbox testing in Scala, Whitebox testing in Ruby, and Ops work

Backend Scala Developer – Accenture

June 2016 - July 2016

Apache Kafka, Streaming, Zookeeper, Big Data

Education

University of Florida, Gainesville

2012 - Dec. 2015

Computer Science Major, Management Minor

Personal Experiences

Backend Scala Developer

Fort Lauderdale FL

Sept. 2015 - July 2016

- Open source Scala development with a focus on backend and middle tier data/networking.
- Released debugging/logging extension with 97+ stars on GitHub: <https://github.com/JohnReedLOL/scala-trace-debug>
- Built apps with Play Framework/Akka, Django, Node.js, EC2, RDS, and S3
- Helped people by answering Scala questions on Stack Overflow (feed subscriber)
- Started YouTube channel to teach Scala and functional programming: <https://goo.gl/L5YIFt>

Peer-to-Peer Research, GUNet

Gainesville, FL

Jan. 2014 - Dec. 2015

- Investigated implementations for advanced NAT traversal measures such as analyze the network, choosing web-based TCP relaying over TURN, setting the Time-To-Live of outgoing packets, analyzing incoming ICMP packets, setting firewall to block connection disruptors, etc. Peer-to-peer networking.
- Code/Data: <https://github.com/JohnReedLOL/nat-depth-mesurer>

Personal Projects

Gainesville, FL

2013 - 2015

- Built Cross Platform (Windows-Linux) peer-to-peer video streaming desktop application (Java, C).
 - Architected multiplayer, real-time, online, client-server RPG game in Java (met requirements months before expected date).
- https://github.com/JohnReedLOL/Nineteen_Characters
- Built custom Java logger for undergrad students at the University of Florida (debug trace logger).
- https://github.com/JohnReedLOL/JohnsUtils/blob/master/src/info/collaboration_station/utilities/Printer.java
- Built websites with HTML, CSS, Javascript, and JQuery on Amazon EC2.
 - Built an AI that plays 1,2,4,6,8 deck European and American Blackjack with precise accuracy, insurance, and double-down. C/C++, Statistics, Probability.
 - Implemented a C++ wrapper to provide flexible, JavaScript style prototypal delegation to C++ objects.
- https://github.com/JohnReedLOL/Prototypal_C

- Wrote a problem solver in C - approximated zeros that Wolfram Alpha could not calculate exactly.

GitHub: <https://github.com/JohnReedLOL>

LinkedIn: www.linkedin.com/in/johnreedprogrammer