

ATHER SHARIF

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HIGHLIGHTS

2018 ADA 25 Advancing Leadership Fellow, Google Scholar, Oliver H. M. Jordan Scholar, IBM People with Disabilities Award Winner, UX/UI Research Specialist, Web Accessibility Researcher, Accessibility Consultant, Web Developer, Software Engineer, Philadelphia's Geek of the Year.

Founder of [EvoXLabs](#) and [SCI Video Blog](#).
Creator of [Aditum](#), [evoHaX](#) and [The Accessible World Conference](#).

EDUCATION

Masters in Computer Science

2014 – 2016 Saint Joseph's University, USA
Cumulative GPA: 4.00/4.00

Masters in Technology (Minor in Business)

2012 – 2014 University of North Dakota, USA
Transferred to Saint Joseph's University

Bachelors in Software Engineering

2007 – 2011 GIK Institute of Science & Technology, Pakistan
Cumulative GPA: 3.25/4.00
Position: 2/38

EXPERIENCE

Comcast Cable **Software Engineer** **May'16 – Present**

Development and Support for Backend and Portal for CodeBig, an API authentication and load balancing gateway for Comcast's services.

Azavea **UX/UI Research Specialist** **Aug'15 – Dec'15**

Evaluating ongoing and recent projects describing potential accessibility improvements and develop techniques for improved accessibility of online maps.

Saint Joseph's University **Graduate Teaching Assistant** **Jan'15 – Dec'15**

Tutoring students, providing academic help to undergraduate and graduate students, and grading Computer Science courses.

EvoXLabs **Founder and Researcher** **Dec'14 – Present**

Researching Web Accessibility components, developing and testing accessible websites and apps, and providing accessibility consultancy.

University of North Dakota **Graduate Assistant** **Mar'12 – Mar'13**

Developing the UND iOS app, CMS portal and providing technical support.



Tools and Frameworks

Ansible
Apollo
AWS Direct
Connect
AWS EC2
AWS RDS
AWS Route 53
AWS VPC
Bootstrap
Bower
Docker
Enzyme
ESDoc
Foundation
Git
GraphQL
HAProxy
Jenkins
Jest
LuaJIT
Mocha
Nginx
NodeJS
NPM
OpenStack
Postgres
React
Relay
SASS
SCSS
Semantic UI
Sinatra
Slim
Splunk
Vagrant

Languages

C/C++
CSS
HTML

PROJECTS

Spinal Cord Injury Manual	scimanual.com	Jun'17 – Present
Philly Touch Tours	phillytouchtours.com	Jun'15 – Aug'15
AeroAgents	aeroagents.com	Sep'14 – Nov'14
Unlock Philly	unlockphilly.com	Jun'14 – Jun'15
SCI Video Blog	scivideoblog.com	May'14 – Present

RESEARCH PUBLICATIONS

evoGraphs - A jQuery Plugin to Create Web Accessible Graphs

IEEE CCNC 2018 Ather Sharif and Babak Forouraghi

Current Security Threats and Prevention Measures Relating to Cloud Services, Hadoop Concurrent Processing, and Big Data

IEEE BigData 2015 Ather Sharif, Sarah Cooney, Shengqi Gong, and Drew Vitek

Location-Based Services Design and Implementation Using Android Platforms

MICS 2012 Wen-Chen Hu, Naima Kaabouch, Hung-Jen Yang, and Ather Sharif

A Novel Approach to Solve Multiple Problems in Parallel using Swine-Flu Inspired Genetic Algorithms

WORLDCOMP 2010 Ather Sharif, Adeela Minhas, and Zeeshan Usmani

SCHOLARSHIPS & AWARDS

- **Outstanding Graduate Computer Science Award 2016** by **Saint Joseph's University**
- **Adam Taliaferro Courage Award 2016** by the **Adam Taliaferro Foundation**
- **Oliver H.M. Jordan Scholarship** by the **Mayor's Commission on People with Disabilities**
- **Geek of the Year** at the **Philadelphia Geek Awards 2015**
- **Google Lime Scholarship 2015**
- **IBM People with Disabilities Award 2015**
- **TPG Accessibility Challenge Delegates Award** at the **WWW Conference 2015**
- **Making a Difference – ABC Medical Scholarship 2015**

VOLUNTEERING & INVOLVEMENT

Alpha Epsilon Lambda, AccessComputing, Upsilon Pi Epsilon, IEEE, Code For Philly, Philadelphia Quad Rugby, International Workshop on Accessible Devices and Services, Super Computing Conference, ADA 25, March for Science, Family Education Services Foundation.

SPEAKING ENGAGEMENTS

Spoken at events organized by Google, Super Computing Conference, PEAT, Philadelphia's Office of Emergency Management, March for Science, Women in Tech Summit, Comcast, Technical.ly, Interactive Mechanics, Free Library of Philadelphia, Library Company of Philadelphia, University of Washington, Drexel University, Saint Joseph's University. More info at athersharif.com/awards.

Java
JavaScript
LaTeX
Lua
NoSQL
PHP
Python
Ruby
SQL
XML

Operating Systems

Amazon Linux
Android OS
Fire OS
iOS
Linux
MacOS
Raspbian
Windows