

ATHER SHARIF

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HIGHLIGHTS

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

MS in Computer Science

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

MS in Technology (Minor in Business)

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

BS 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 CodeBig, an API authentication and load balancing tool by the Cloud Applications Platforms team 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.



Languages

Fluent

Java
PHP
HTML
SCSS/CSS
jQuery
JavaScript
SQL
Git
Lua
C/C++
Python

Familiar

C#
XML
Ruby/Sinatra
Slim Lang
LaTeX
NoSQL

Technical Skills

Android SDK
Adobe Photoshop
GitHub
Final Cut Pro
Hadoop
HAProxy
Ansible
Amazon AWS
Nginx
API Engineering and Management
Lapis
Vagrant box
Command line interfaces

PROJECTS

Philly Touch Tours	Jun'15 – Aug'15
Enhancing Transportation Awareness for Health	May'15 – Sep'15
AeroAgents	Sep'14 – Nov'14
Unlock Philly	Jun'14 – Jun'15
SCI Video Blog	May'14 – Present

RESEARCH PUBLICATIONS

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

evoGraphs - A jQuery Plugin to Create Web Accessible Graphs
The Graphical Web 2015 | Ather Sharif, Babak Forouraghi, and Shengqi Gong

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**
- **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**
- **Technical Committee Member** for the International Workshop on ADS (ADS'16)

INVOLVEMENT

Alpha Epsilon Lambda, AccessComputing, Upsilon Pi Epsilon, ACM, IEEE, Code For Philly, Philadelphia Quad Rugby

VOLUNTEER

- Super Computing Conference: 2012, 2013, 2015, 2016 (Multiple Venues)
- Magee Rehabilitation Hospital: 2013 – Present (Philadelphia, PA)
- Family Education Services Foundation: 2007 – 2012 (Karachi, Pakistan)

SPEAKING ENGAGEMENTS

Early Career Panel (Super Computing Conference), Disability Etiquettes (Library Company of Philadelphia), Tomorrow Tour (Comcast), RISE Conference (Technical.ly), TechShop (Overbrook School for the Blind), Guest Talk (University of Washington), Google Scholar Webinar (Lime Connect), Tech Panel (Free Library of Philadelphia), Start.Stay.Grow Summit (Technical.ly)