# TarunChhabra
## Computer Science

## Address
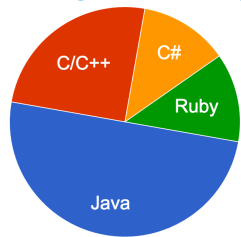Raleigh, NC - 27606
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## Programming



## OS Proficiency
**GNU/Linux** ★★★★★
**Windows** ★★★★★
**MacOS** ★★★★☆
**Unix** ★★★☆☆

## Personal Skills



## Languages
**English** ★★★★★
**Hindi** ★★★★★
**Punjabi** ★★★☆☆

## Objective

Seeking a full time position in software development engineering that utilizes my technical skills and offers me to learn new areas in the field of technology.

## Education

| | | |
|---|---|---|
| 2015 - now | **Master's Degree in Computer Science [3.95/4.0]** | NC State University |

*Expected graduation : 12/2016*
Main courses: OS, Algorithms, Service Oriented Computing, Automated Software Engineering ,OO Design and Development,Internet Protocol.

| | | |
|---|---|---|
| 2007 - 2011 | **Bachelor's Degree in IT [3.95/4.0]** | Punjab Technical University |

*B.Tech with distinction in Information Technology, Shaheed Udham Singh College, Mohali, India*
*Ranked 2nd in class at the end of 8 Semester Program, Gold Medalist*

## Experience

| | | |
|---|---|---|
| 05/16 - 07/16 | **SDE Intern** | Amazon Web Services, Seattle, WA |

Worked as part of AWS Infrastructure team creating an internal tool for release cycle tracking. Used SOA to develop a custom ETL tool from scratch. Created a front-end using Python and Django.

| | | |
|---|---|---|
| 01/12 - 06/15 | **Senior Software Developer** | Tata Consultancy Services, Mumbai, India |

Developer in TCS iON (www.tcsion.com), a public cloud based offering aimed at SMBs. Led a team and designed architecture of iON Energy. Designed and developed Workflow framework and UCP engine *(Patent pending)*.

## Certifications

| | | |
|---|---|---|
| 2015 | **Parallel Programming and Optimization** | Colfax International |

*Intel Architecture*

| | | |
|---|---|---|
| 2014 | **Oracle Professional Java Programmer** | Oracle |

*Java SE 6*

| | | |
|---|---|---|
| 2010 | **Ankit Fadia Certified Ethical Hacker** | Ankit Fadia |

*AFCEH 5.0*

## Projects

| | | |
|---|---|---|
| 2015 | **Implementing Unicode Bi-Di Algorithm** | Mozilla, Open Source |

*Implementing Unicode Bi-Di Algorithm for Servo web browser*

| | | |
|---|---|---|
| 2015 | **Refactoring Expertiza** | NCSU, Open Source |

*Improved user creation and management module*

| | | |
|---|---|---|
| 2011 | **Androspect** | Major Project |

*An Android application for generic inspection lists for shop floor*

| | | |
|---|---|---|
| 2010 | **Web Mall** | Internship Project |

*A multi-tenant E-Commerce Web Application hosted on Google's Cloud*

# Achievements

| | | |
|---|---|---|
| 2014 | **Best Developer** | Tata Consultancy Services |
| | *Workflow and UCP, TCS iON* | |
| 2012 | **Star of the Learner's Group** | Tata Consultancy Services |
| | *Initial Learning Programme* | |
| 2011 | **Young Engineer Innovator** | ISTE, PTU |
| | *Award for Young Engineer Innovator in Computer, Communication and Information Technology* | |
| 2010 | **Best Student** | ISTE |
| | *ISTE North Chapter* | |
| 2008 - 2009 | **Best Paper** | ISTE |
| | *Two consecutive ISTE Student National Conventions* | |
| 2005 - 2006 | **2nd Prize** | State Science Exhibition |
| | *Two consecutive State Science Exhibitions* | |

# Other Info

**Society Memberships** :Association for Computing Machinery(ACM), Institute of Electrical and Electronics Engineers (IEEE), Computer Society of India(CSI), Institution of Electronics and Telecommunication Engineer(IETE)

**Some tools/techs** : Python, Django, Struts, Rails, AOP (Aspect Oriented Prog.), MySQL, Big Table, Datastore (Google App Engine) using JDO implementation, Eclipse, Git, SVN, Visual Studio, Team Foundation Server, Application Lifecycle Manager, Google App Engine, Google Web Toolkit, Struts, Apache Tiles, Apache POI, JavaScript, jQuery, HTML, SQL, Heroku, LaTeX