

# Ruchira Tawade

## Software Engineer

Portland, OR - Email me on Indeed: [indeed.com/r/Ruchira-Tawade/bcbbd7e7522acd93](https://www.indeed.com/r/Ruchira-Tawade/bcbbd7e7522acd93)

- Graduate student in Electrical and Computer Engineering(Digital IC Design and Verification), actively seeking Intern/ Co-op opportunities in Digital Logic Design, Comp Arch, ASIC /Verification, Validation starting from June '17.
- Related Coursework by June 2017:  
Digital Integrated Circuit Design I, ASIC Modeling and Synthesis, Microprocessor System Design, Pre-Silicon Functional Validation,  
Computer Architecture, System On Chip with FPGA.  
Willing to relocate: Anywhere  
Sponsorship required to work in the US

### WORK EXPERIENCE

#### Software Engineer

Rolta India LTD - Mumbai, Maharashtra - December 2015 to August 2016

- Peer review and Verification of software modules, also written shell scripts for automation and scheduling tasks.
- Documented Test plans, test cases, also executed regression & negative testing, bug tracking matrix for software modules.

#### System Engineer

Tata Consultancy Services - Mumbai, Maharashtra - April 2013 to December 2015

Involved in Software Development Life Cycle (Waterfall & Agile methodology) throughout the Requirement gathering,

Analysis, Development and Maintenance phase.

- Documented Low Level Design as well as High Level Design of Functional requirements, User queries & Change Requests while providing customer support(UK United Biscuits, Canada TD bank, ING bank Singapore)
- Implemented various modules (Front end- asp.net with C# & Back end - SQL/oracle database) in the project.
- Production support for DatawareHousing projects.
- Conducted training sessions to train juniors for the same technology.
- Safety Champion of Women safety initiative in the Organization (TCS) for 2015.

### EDUCATION

#### Master of Science in Electrical Engineering

Portland State University

September 2016

#### Bachelor of Engineering in Electronics and Telecomm

Mumbai University - Mumbai, Maharashtra

July 2009 to June 2012

## SKILLS

C# (2 years), SQL (2 years), .NET (Less than 1 year), ALLEGRO MENTOR (Less than 1 year), ASSEMBLY (Less than 1 year)

## ADDITIONAL INFORMATION

### TECHNICAL SKILLS:

- Simulation Tools - Cadence (Layout, Virtuoso, Spectre), Synopsys ( HSPICE, Waveviewer ), Mentor Graphics ( Calibre, Modelsim), Visual studio 2008, Sql server [...] ETL tools Business Intelligence development Studio, IBM Datastage, TFS for code Version control.
- Programming Languages - Verilog, UVM System Verilog, C, C++, C#, Shell Scripting, TCL, SQL, PL/SQL, Pearl, Assembly Language, HTML5.