

Ameya Ketkar

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EDUCATION

OREGON STATE UNIVERSITY

MASTERS IN COMPUTER SCIENCE

School of Electrical Engineering & Computer Science

Expected Dec 2017 | Corvallis, OR
Cum. GPA: N/A

MUMBAI UNIVERSITY

BACHELORS IN COMPUTER ENGINEERING

Vidyalankar Institute of Technology
July 2010 - May 2014 | Mumbai, India
Grade: First Class
With Distinction

Hiranandani Foundation School
HIGH SCHOOL
Thane, INDIA

COURSEWORK

Artificial Intelligence
Graph Theory
Software Engineering
Modularity

AWARDS

- Global Recognition Award (Barclays - 2016).

SKILLS

• Java • C# • C • C++ • VB
• JSON • Spring • JAXB • SQL
• Python • Apache Camel

Tools:

- GIT • Eclipse • Maven
- TeamCity
- MS SQL Server • Sonar
- IBM MQ
- BDD tool- JBehave
- Maven

EXPERIENCE

Oregon State University | RESEARCH ASSISTANT(GRA)

- Working under Dr. Danny Dig, in OSU's Software Evolution Group in collaboration with Concordia University with Prof. Nikolaos Tsantalis.
- Worked on understanding the impact of functional programming (introduction of lambda expressions in java 8), on a mainstream OOP language – Java.
- Currently, working on developing an eclipse plugin to manage auto-boxing problem in Java, using type constraint solvers.

BARCLAYS | TECHNICAL ANALYST(BA4)

SECURITIZED PRODUCT TECHNOLOGY | Aug 2014 – April 2015 | Pune, India

- Developed UI for front desk traders to buy and sell loans in the market, using C#, WPF and PRISM Framework
- Enhanced Risk Matrix (Mathematical Model) for precise Loan Risk calculations.
- Developed a testing tool for comparing the UI and the database values for loan.
- Developed several modules to support real-time trade status analysis.
- Responsible for Job Scheduling and Monitoring using Autosys, which ran VBA scripts.

TRADE TRANSACTION AND REPORTING | April 2015 – Aug 2016 | Pune, India

- Developed the trade reporting engine for Hong Kong Monetary Authority in Java
- Responsible for UAT and Production support of this product after the first release.
- Developed a test suite for testing the 40 outgoing reports to HKMA and Bank of England, using Mockito and JBehave.
- Responsible for configuration of the team's Continuous Integration tool - TeamCity
- Responsible for automated deployment using Maven and TeamCity.
- Designed and developed the architecture for the module which handled report generation
- Designed and developed the trade confirmation module.

PUBLICATIONS :

• Davood Mazinanian, Ameya Ketkar, Nikolaos Tsantalis, and Danny Dig. 2017. Understanding the Use of Lambda Expressions in Java. Proc. ACM Program. Lang. 1, OOPSLA, Article 85 (October 2017), 31 pages.