

Sanket Tandulwadkar
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EDUCATION

University of Massachusetts Lowell, MA
Master of Science in Computer Science, Expected May 2015
GPA 3.7

University of Pune Pune, India
Bachelors in Computer Engineering, 2012
GPA 3.2

EXPERIENCE

Cengage Learning Boston, MA
Software Engineering Intern
May 2014 — Present

- Currently internationalizing Cengage's flagship product 'MindTap'
- Designed wrapper js-API to internationalize and localize MindTap, a cloud based learning solution, using RequireJS, Javascript and jQuery

University of Massachusetts Lowell, MA
Teaching Assistant
Nov. 2013 — May 2014

- Graded assignments and quizzes for Computing I and Computing II
- Designed the assignments, interacted with students and solidified their understanding of related topics

Talentica Software Pune, India
Advertisement Operations Executive
Mar. 2013 — July 2013

- Integrated, tested and maintained advertisements for Android and iOS devices
- Troubleshoot and resolved advertisement related problems

TECHNOLOGY SKILLS

Programming Languages: Javascript, jQuery, RequireJS, HTML, C, C++, Java, MySQL, Python
Tools: Sublime Text, Eclipse, Xcode, Sequel Pro, Matlab, Dev-Cpp
Operating Systems: Mac OSX, Unix, Windows, Android, iOS

ACADEMIC PROJECTS

Mobile Video Editor

- Created an Android based video editor using Eclipse, allowing users to cut video, change color and take still shots from video

Implemented Modules of SimpleDB

- Implemented core modules like Catalog, BufferPool and HeapPage of Simple DataBase allowing access to stored data on disk using Eclipse

Fast Approximate Nearest Neighbor in High Dimensional Images

- Implemented approximate nearest neighbor algorithm for high dimensional images using VLFeat library and Matlab

Implemented AES Encryption Algorithm

- Implemented AES encryption algorithm to securely transfer text files using Eclipse