

# MARUF RAHMAN

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## EDUCATION:

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- **University of California, Berkeley**

Major: Computer Science (2016)

**Coursework:** Data Structures, Machine Structures, Discrete Mathematics and Probability Theory, UNIX, Artificial Intelligence, Efficient Algorithms and Intractable Programs, Internet and Networking, Database Management, Operating Systems, Computer Security.

## EXPERIENCE:

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- **Software Quality Assurance Engineer**

*May, 2017 - Present*

FICO

- Automate test cases using Selenium WebDriver or other JAVA automation frameworks
- Responsible for module testing, system testing, integration testing, and regression testing

- **Computing Consultant**

*September, 2015 – March, 2017*

University Village Academic Center, University of California, Berkeley

- Provide technical assistance on computer usage and develop specific software packages
- Conduct workshops on computing and write small scale software

- **Web Development Project Manager**

*July 2014 - August 2014*

Community College Public Relations Organization ([ccprocalifornia.org](http://ccprocalifornia.org))

- Coordinate the process alongside designing several interfaces for the website
- Test the website contents and interfaces and provide productive feedback

- **Technical Assistant**

*June 2012 - August 2014*

Academic Computing, Santa Monica College

- Provide software and hardware troubleshooting
- Assist faculty with Microsoft SharePoint and online teaching platform (e-companion)

- **Director of Outreach**, Associated Students, Santa Monica College (2012-2013)

- Attend weekly board meetings and make decisions on behalf of the students

## PROJECTS:

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- **Bookmark App:** URLs saved in and accessed from an executable file (Java).
- **Scheme Interpreter:** Software that interprets the Scheme programming language (Python).
- **NGordNet:** Combination of NGrams and WordNet- provides statistics of the usage of a word in history.
- **Gitlet:** A simpler version of the open source version control system called Git (Java).
- **Word Suggestion:** Autocompletes a prefix to highest-weighted words (Java).
- **2048:** Popular game where player matches identical powers of two to reach the number 2048.
- **Quick Weather:** Weather data of user's current location and other major cities.

## SKILLS:

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- **Proficient:** Java, Python, C, Unix, SQL, LaTeX, HTTP/TCP/IP, Git, Eclipse, HTML/CSS, JavaScript/JQuery
- **Familiar:** C++, Visual Studio, HTML, Spark, WordPress, Bootstrap, MIPS Assembly, Ruby on Rails