Jonathan M. Rodriguez

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EDUCATION

Kean University, Union, NJ   *June 2013 - Expected: May 2017*
Bachelor of Science, Computer Science
Minor: Mathematics
Relevant Coursework: Data Structures, Systems Programing, Algorithms, Information Systems, Database Management Systems

PROJECTS

Room Reservation System, *Information System Application*
- Displayed available/booked rooms according to date range
- Integrated database connectivity with MySQL and 3rd normal form
- Designed queries to check availability of rooms (depending on date selected)

Emojify, *Web Application*
- Converted text to emojis using JavaScript and CSS
- Imported CSS libraries to convert emojis to images
- Implemented real time updating of text/emojis

Simon Says, *Web Application*
- Designed encapsulated user interface using HTML/CSS
- Enabled interactivity using pure Javascript
- Prevent unwanted actions using jQuery

TECHNICAL SKILLS

- Java, C, R, PHP (back-end), HTML/CSS, Javascript (front-end)
- jQuery, AJAX, MySQL
- UNIX/Linux, Git, Photoshop, Xcode, phpMyAdmin
- Sublime Text, Vim, Eclipse IDE

EMPLOYMENT/AWARDS/ACTIVITIES

- Concierge, Planned Companies (May 2013 - Present)
  - Manage 400+ residents and maintain information in database up-to-date
  - Monitor all incoming packages from carriers within complex
  - Accommodate guests visiting office and reservations of conference rooms/lounges
- National Science Foundation (NSF) Computer Science S-STEM Scholarship
  - Competitive academic merit scholarship from NSF
- Vice President, Association of Computing Machinery Kean Chapter (Fall 2016 - Spring 2017)
- Tutor, Computer Science Kean (Spring 2016 - Present)
  - Tutor students taking introductory Java programming courses
  - Guide students in good programming practices; how to write clean and elegant code