# Eric Hicks

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## TECHNICAL ABILITIES

- Experience with entire system development life cycle
- Solid programming and debugging skills
- Designing, creating, and maintaining web applications
- Knowledge of algorithm design and data structures

## SKILLS

- Languages:  Java, SQL, JavaScript, Python (basic), C (basic)
- JavaScript Stack:  JQuery, Bootstrap, AJAX, Google MDL, node.js (basic)
- Markup:  HTML, XML, SVG, CSS, JSON
- Java/J2EE Stack:  Servlet, JSP, Tomcat, Java Mail, POI, iText, Hibernate, JPA
- Operating Systems:  Windows (extensive) and Linux (basic)
- Development Tools:  IntelliJ IDEA, SQL Developer, SVN, Git, Putty, Ant, Maven, Gradle
- Databases:  Oracle 11g/12c, MySQL, H2, MongoDB (basic)
- Communication Tools:  JIRA, Confluence
- Multimedia Tools:  Cakewalk Sonar, Cockos Reaper, Paint.net

## WORK HISTORY

**Software Developer**                     **Forge-Tech, Inc.**                     **2012-Present**

- Created web-based tool that monitors the vitals for servers of over 200 school districts
- Authored over 30 data integrations with 3rd party vendors
- Wrote report to collect over 1,000 data elements that school districts are federally mandated to submit biannually saving NJ educators thousands of man-hours
- Led restyling effort of web application with over 500 screens
- Managed nightly build process relied upon by over 200 customers
- Eliminated redundant backups between datacenters saving thousands in monthly bandwidth costs
- Provided training and guidance to new team members

## PERSONAL PROJECTS

**BTS**                     **Demo on Request**                     **2016**

- Bug tracking web application
- Leverages JavaEE, Google MDL, H2, and a custom ORM

**Cinema-NG**                     **cinemang.com**                     **2015**

- Web application front-end to a film database
- Makes use of JavaEE, JPA, Hibernate, Oracle, and JQuery

**Tower Defense**                     **github.com/ehicks05/towerDefense**                     **2014**

- Real-time tower defense style game
- Includes a physics engine, custom animation, sound effects, random map generation

## EDUCATION

**Somerset, NJ**                     **Raritan Valley Community College**                     **2008-2010**

- A.S. in Information Systems & Technology, December 2010