Jesse A. Freitas

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EDUCATION:

Rensselaer Polytechnic Institute, Troy, NY **Fall 2012 – May 2016 (Anticipated)**
B.S. in Computer Science, GPA: 3.58
Minor in Sustainability Studies

RELEVANT COURSEWORK:

- Network Programming – *TCP/IP programming using sockets* **Spring 2014**
- Operating Systems **Spring 2014**
- Computability and Complexity – *Focus on decidability and computational complexity* **Fall 2013**
- Introduction to Algorithms **Fall 2013**
- Computer Organization – *Focus on assembly languages and computer architectures* **Spring 2013**
- Introduction to Data Structures **Fall 2012**

EXPERIENCE:

Software Developer, Rensselaer Center for Open-Source Software **Fall 2012 - present**
- Developed portions of the front end of the client website for democratic voting
- Currently developing a native app for managing GitHub repository issues for the Windows Store

Engineering Intern, Jacobs Technology Inc., Lincoln, MA **Summer 2012, Summer 2013**
- Acquired Secret level security clearance
- Researched, configured, and integrated a compliance auditing system into existing theatre deployable communication systems including virtualization using VMware software.

Information Systems Technician, Acton Medical Associates, Acton, MA **June 2010 – May 2012**
- Troubleshot software and hardware errors and managed server side software
- Provided technical support during a major upgrade to the company's electronic medical records system

LEADERSHIP:

Undergraduate Teaching Assistant **Fall 2013 - present**
- Facilitated lab periods for Computer Science 1 students at RPI (CSCI 1100)
- Verified assignments were completed and helped students troubleshoot bugs

Project Lead, Active Member, Engineers Without Borders RPI **Fall 2012 - present**
- Facilitated reconstruction to the EWB-RPI website
- Travelled to Panama and lead travel team in testing water supplies and confirmed results in Albany, NY
- Researched, and presented results of research to project team regarding first flush water systems
- Critical thinking and analysis regarding health, safety and sustainability of alternatives

SKILLS:

- Substantial knowledge of Java, C++, C#; Basic knowledge of Python.
- Excellent object oriented coding practices.
- Computer Networking Skills and Excellent Troubleshooting skills; Experience using VMware technologies
- Advanced skills with data structures and algorithms;
- Knowledge of Linux OS, Windows 7, Windows 8

AWARDS:

- Dean's List **Fall 2012-present**
- Rensselaer Leadership Award **Spring 2012**
- Armed Forces Communication and Electronics Association Boston Student Fellowship Award **Spring 2012**