Ezra-Shimon Rosenfeld

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PROGRAMMING SKILLS:

Programming in Java, SQL, JavaScript, jQuery, PHP, Bash, C#, C, Ruby on Rails, PowerShell, Python
Debugging
Refactoring
Full Stack Web Development including Deployment and Database Management
Unit Testing with JUnit

EDUCATION:

Yeshiva University, Yeshiva College, New York, NY
Bachelor of Arts, Computer Science, expected January 2017
Dean's Scholar (all semesters)

EXPERIENCE:

Smiths Detection, Edgewood, MD, July – August 2016
Software Engineering Intern
- Built web app for information aggregation application using RabbitMQ
- Fixed concurrency error in legacy installer code
- Created web app that submits form data to email for internal business use
- Generated C# wrapper classes for unmanaged C++ code using SWIG

Yeshiva University and **Self Employed**, New York, NY, October 2013 – February 2016
Computer Science Tutor
- Tutored college students in Introduction to Computer Science and Computational Organization and Assembly Language Programming classes
- Explained difficult concepts in computer programming
- Taught students how to debug code
- Educated peers on how to design modular programs

Textron Systems, Hunt Valley, MD, June – July 2015
Software Engineering Intern
- Used Bash, PowerShell, and PowerCLI to automate parts of the Field Manual Installation of a Ground Control System
- Wrote and ran programs on entirely text-based systems using vi
- Edited the Interface Design Document for a Ground Control System

Friends School of Baltimore, Baltimore, MD, June – August 2014
Teacher in Technology Camp
- Taught campers how to create animations and games using Adobe Flash
- Educated campers in capturing photographs and editing them using Adobe Photoshop
- Instructed campers in capturing videos and creating movies using iMovie
- Directed campers in creating digital art using Microsoft Paint, Pixie and ArtRage

ACTIVITIES:

Ultimate Frisbee Intramurals, Yeshiva University, January 2014 – May 2016

Heart 2 Heart, Orthodox Union, September 2013 – March 2015
- Travelled to colleges across North America to assist in experiential Jewish education