

Jonathan Forscher

30-26 Garrison Terrace, Fair Lawn, NJ 07410 • Phone: 201-983-1463 • E-Mail: jonforsche@gmail.com

Education

Rutgers University

Bachelor of Science in Computer Science

Minor in Music

New Brunswick, NJ

May 2015

Expected GPA: 3.0

Professional Experience

Johnson & Johnson - IT Co-op Software Engineer

January 2014 – November 2014

- Managed the orientation and learning of 4 new interns/co-ops for integration into various projects.
- Engineered the front-end and back-end of the JAKE (Janssen Autism Knowledge Engine) webapp, a globally recognized project currently undergoing clinical trial.
- Used the Symfony framework to create simple and modular APIs, as well as a fast and robust back-end.
- Utilized AngularJS to reduce development time and enable more dynamics websites.
- Brainstormed new ideas to improve webapp design and usability resulting in changes being implemented.

Develop.io - Web Developer Intern

November 2012 – July 2013

- Rebuilt websites to improve the code readability and reduced the number of lines of code by 30%.
- Implemented CodeIgniter and PyroCMS to develop quality websites for 3 customers.
- Worked as lead developer for an invoice, inventory and employee management website.
- Architected a new user interface to meet modern web standards for a customer's existing website.
- Programmed both the front-end and back-end of a social networking website.
- Collaborated with 3-5 people to develop well-organized code for multiple websites.
- Instructed 5 new interns on the basics of web design and software development.

Relevant Coursework

Systems Programming

Spring 2014

- Learned software engineering best practices on large-scale projects such as utilizing debugging tools, source control, and architecting.
- Gained knowledge of scaling projects and planning carefully by building 3 medium sized programs to integrate into a search utility to find occurrences of words in a file.
- Created multithreaded book order simulator.

Internet Technology

Fall 2013

- Created a VLAN between two virtual Linux machines
- Studied the protocol stack, client-server interaction, and Internet architecture.

Skills

- Fluent in HTML, PHP, JavaScript, CSS, C, & Java
- Conversational in Hebrew
- Agile, JIRA
- Git, Subversion