RYAN C. COUCH

1837 West Point Drive, Cherry Hill, NJ 08003
(856) 952-4914, ryan.couch@rutgers.edu
https://github.com/rcouchh

EDUCATION

RUTGERS UNIVERSITY - New Brunswick, NJ   Expected May 2015
Bachelor of Science: Computer Science   Minor: Economics
Relevant Coursework: Internet Technology, Software Methodology, Computer Security, Cryptography

SKILLS

Programming Languages/Tools:	Java, C, HTML, PHP, CSS/Javascript, SQL, Scheme Android, Eclipse, Netbeans
Operating Systems:	Windows XP/7/8.1, Mac OS X, Linux
Applications:	Microsoft Office, Adobe Photoshop, Firefox/Chrome/Safari/IE, Google Docs
Other Skills:	Software/Hardware Diagnostics, PC Assembly, Networking/IT, Stock Trading

EXPERIENCE

Soceana - Philadelphia, PA   July 2014 – September 2014
Software Development Intern, Soceana.com
- Collaborated with a team of developers to produce high-quality deliverables and an efficient workflow.
- Worked extensively in PHP, CSS/Javascript and HTML to create innovative web pages for a user-interface.
- Designed and implemented PHP algorithms to contribute user-based information to a large SQL database.
- Acquired first-hand knowledge of all crucial stages and aspects of a technology start-up.

Phi Kappa Sigma Fraternity - Rutgers University   September 2013 – May 2014
Website Manager, RUSkullhouse.com
- Served as Web Master to maintain and manage Chapter website in HTML format.
- Set up and regulated online galleries for members to upload and view photos.
- Utilized Adobe Photoshop to develop promotional flyers and banners displayed on website.
- Spoke before group of 50+ individuals to deliver weekly updates on website progress.
- Logged 200+ community service hours for Embrace Kids Foundation and Leukemia & Lymphoma Society

Rutgers University – New Brunswick, NJ   September 2011 - Present
Student
- Programmed extensively with object-oriented programming language Java in Eclipse and NetBeans IDEs.
- Notable projects include a BitTorrent Client, Photo-Album Android application, Blackjack and Chess games, Social Network friendship graph algorithms, and a multi-threaded Book-Ordering system.
- Used data structures such as stacks, heaps, queues, hash maps, and binary trees to solve various search and sorting problems, and performed space/time efficiency analysis and comparisons.
- Designed and programmed in C to design high-level algorithms and executables, which interface with assembly libraries, balance I/O workloads, and efficiently use memory, cache, threads, and multiple processors.
- Completed software projects by iteratively gathering requirements, designing algorithms, coding, debugging and testing, both individually as well as coordinating with peer programmers.

Freedom Mortgage - Mt. Laurel, NJ   May 2012 – September 2012
Junior Loan Processor
- Shadowed an underwriter to learn and execute the early stages of loan processing.
- Performed security clearances on hundreds of applicants through employment verifications, credit reports, and criminal background checks.
- Maintained relations with customers through verbal questionnaires and general customer service.

Accu Staffing Services - Cherry Hill, NJ   June 2010 – Sept 2010
Business Office Assistant
- Independently performed various office assignments including filing, scanning and document formatting and editing.