Antonina Serdyukova

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Education

CUNY John Jay College of Criminal Justice, New York, NY
Bachelor of Science, May 2017, GPA 3.96/4.0
Major: Computer Science and Information Security

CUNY Borough of Manhattan Community College, New York, NY
Associate of Science, December 2014, GPA 4.0/4.0
Major: Multimedia Programming and Web Design

Research Experience

CUNY John Jay College of Criminal Justice, New York, NY
Undergraduate Researcher   January 2017 - May 2017
- Mirai Botnet Detection: identifying characteristics of Mirai botnet network communication flow to allow for an early detection, specifically before an actual attack.
- Insider Threat: privilege misuse detection based on geometric outlier recognition.

Work Experience

New York Code + Design Academy, 90 John St, New York, NY
Adjunct Faculty   September 2017 - present
- Lead a Part Time Web Development Intensive course.
- Augment and customize existing curriculum for a Part Time Web Development Intensive course.

AOL Inc, 770 Broadway, New York
Development Engineer Intern   Summer 2017
- Collaborate with technical and business owners to explore high level functional requirements.
- Design proofs of concept and iterate toward an engineering solution.
- Develop, test, and integrate customer-facing solutions using React Native, Redux, Firebase platforms.
- Demonstrate working solutions to business partners.

IT Department CUNY John Jay College, 524 W 59th St, New York
Web Developer   April 2016 - May 2017
- Build websites and web applications for John Jay College using PHP, JavaScript, JQuery, HTML5, CSS3, SASS, LESS, Drupal CMS, Wordpress CMS, Microsoft SQL server, IIS server.
- Information Architecture, Database design, Visual design.

Avatar New York, 122 Hudson Street, New York
Web Developer   September 2014 - January 2016
- Build websites for various clients using PHP, JavaScript, JQuery, HTML5, CSS3, SASS, LESS, Drupal CMS, Wordpress CMS, AWS.
- Design, Information Architecture, and SEO improvement.

TIGER 21, 6 East 87 Street, New York
Web Marketing and Design Intern   Summer 2014
- Build HTML emails, create content and visual materials for the website and print using Adobe Suite.
- SEO improvement.

Skills
- Strong understanding of programming languages, computer architecture, computer networks, computer security and forensics, data structures and algorithms.
- Experienced in PHP, Python 3, C++, JavaScript, ES6, React.js, React Native, Redux, Node.js, bash shell scripting, HTML5, CSS3, MySQL, WordPress, Drupal CMS, Git, GitHub, BitBucket, Docker, UNIX/Linux, LAMP, IIS, AWS.
- Skilled in Adobe Photoshop, Camera Raw, Illustrator, InDesign; Sublime Text, PHPStorm, Atom IDEs; MailChimp; PC, Mac and Linux; Microsoft SQL Server.
- Fluent Russian; conversational in French.

Honors, Awards, Scholarships
- Summa Cum Laude graduate, May 2017; Academic Excellence Award, December 2014
- Dean's List: 2016 Spring, Fall; 2015 Fall; 2014 Spring, Fall; 2013 Spring, Fall semesters.
- Secretary Computer Science Society at John Jay College; Phi Theta Kappa Honor Society.
- Goldman Sachs Leadership Program, Fall 2013.