

Anastasia Shuba

PERSONAL INFORMATION	Website: https://nshuba.github.io/	E-mail: ashuba22@gmail.com
EDUCATION	University of California, Irvine <i>Ph.D in Computer Engineering. GPA: 3.7</i> <i>Sept. 2014 – Jun. 2019</i> <i>M.S. in Computer Engineering. GPA: 3.7</i> <i>Sept. 2014 – Jun. 2016</i> <i>B.S. in Computer Engineering. GPA: 3.8, Cum Laude</i> <i>Sept. 2010 – Jun. 2014</i>	
COMPUTING SKILLS	Programming Languages: Java, Python, JavaScript, Swift, C/C++ Mobile Development: Android and iOS Miscellaneous: socket programming and network protocols (TCP/IP, DNS, HTTP)	
WORK AND RESEARCH EXPERIENCE	Broadcom Inc. <i>R&D Engineer</i> <i>Nov. 2019 – present</i> Working on network security solutions for Windows, OS X, and Linux. Symantec Corporation <i>Sr. Software Engineer</i> <i>Aug. 2019 – Nov. 2019</i> Worked on network security solutions for Windows, OS X, and iOS. <i>Software Engineering Intern</i> <i>Jun. 2018 – Sept. 2018</i> Worked on network security solutions for Android, iOS, and MacOS. University of California, Irvine <i>Graduate Research Assistant</i> <i>Sept. 2014 – Jun. 2019</i> Designed and implemented Android applications aimed at helping users preserve their privacy. Developed machine learning models to predict presence of personal information, trackers, and advertisement in mobile network traffic. Metronome Software <i>Graduate Software Engineering Intern</i> <i>Jun. 2016 – Sept. 2016</i> <i>Graduate Software Engineering Intern</i> <i>Jun. 2015 – Aug. 2015</i> <i>Software Engineering Intern</i> <i>Oct. 2012 – Sept. 2014</i> Explored malware analysis and detection solutions using Volatility, Xen, and QEMU. Designed and implemented Android applications using Java and SQLite. Implemented web servers using Java, Hibernate, PostgreSQL, and Python. Praxis BioSciences <i>Software Engineering Intern</i> <i>June 2012 – Sept. 2012</i> Developed Android applications for uses in the medical industry.	
HONORS AND AWARDS	PETS 2018: The Andreas Pfitzmann Best Student Paper Award ARCS Foundation Scholar Award 2016-2018 MobiCom S3 Workshop 2015: Best Demo Award	