SOFIA MILNIKIEWICZ

(Soh-FEE-uh MIL-ni-KE-vich)

(347) 756-1070 • sam464@cornell.edu • github.com/smilniki • smilniki.com

EDUCATION

Cornell University - College of Engineering, Ithaca, NY   Graduated May 2019
Bachelor of Science (B.S.) in Computer and Information Sciences, general
Overall GPA: 3.218/4.0 • **Major GPA:** 3.470/4.0 • **Dean's List** Spring 2017, Fall 2017, Spring 2018, Fall 2018

SAMPLE COURSEWORK

Machine Learning for Data Science • Machine Learning for Intelligent Systems • Statistical Data Mining •
Data-driven Web Apps • Database Systems • Stochastic Processes • Algorithms • Data Structures and Functional
Programming • OO Programming • Math Foundations for the Information Age • UNIX Tools and Scripting

TECHNICAL SKILLS

Programming Languages: Expert in Python • **Proficient in** Java, SQL, Javascript, R, HTML, PHP, CSS •
Familiar with OCaml, TypeScript   **Frameworks:** Spring Boot, Angular, Bootstrap, Mockito, JUnit

SOFTWARE DEVELOPMENT EXPERIENCE

Associate Software Engineer   September 2019 - Present
Infosys Ltd., Jersey City, NJ
> Underwent technical training for 2 months focusing on full-stack application development using Java,
> Spring Boot, and Angular. Topics included: OOP fundamentals, RDBMS using Oracle and SQL, testing
> using Mockito and JUnit, logging with Log4j, Spring Boot and Angular frameworks, and TypeScript

IT - Security & Compliance Intern   June 2018 - August 2018
1-800-Flowers.com, Inc., Carle Place, NY
> Worked in the IT eCommerce department full-time for 10 weeks. Projects included:
> - Developing a script to automate the process of aggregating website issues for various brands
> - Becoming a certified user of Splunk; updating Mother's Day Splunk dashboard to monitor data
>   center CPU and memory usage during next year's holiday
> - Co-developing an e-commerce website as part of a business proposal presented in front of the CEO
> - Redesigning the internal website used by the IT eCommerce team

Undergraduate Research Assistant for the Intercultural Communication Lab   June 2017 - August 2017
Cornell University, Ithaca, NY
> - Worked for 8 weeks developing a data-driven website for NYSEG's smart meter program under the
>   direction of a PhD student in Information Science
> - Gained experience and familiarity with D3.js, PHP, and SQL

TEACHING EXPERIENCE

Teaching Assistant / Course Consultant   January 2018 - May 2019
Cornell Computing and Information Science, Ithaca, NY
> Worked 10-15 hours/week while being a full-time student as teaching staff for the following courses:
INFO/CS 3300: Data-driven Web Applications, CS 2800: Discrete Mathematics, INFO/CS 2300: Intermediate
Web Programming. Responsibilities included holding weekly office hours and grading problem sets and exams.