

Victoria Sykora-Lovaas
vsykoralovaas@nyu.edu | (360) 481 – 2292

EDUCATION

New York University, Tandon School of Engineering, Brooklyn, NY May 2019
Bachelor of Science in Computer Science Minor: Cyber Security
Relevant Coursework: *Data Structures and Algorithms, Design and Analysis of Algorithms, Introduction to Machine Learning, Computer Architecture and Organization, Introduction to Databases, Application Security, Applied Cryptography*
Study Abroad: NYU London, Spring 2017

EXPERIENCE

Electronic Arts, Redwood Shores, CA May 2018 - August 2018
Software Engineer - Intern

- Designing and implementing a web application for a load test automation tool primarily using React.js and Node.js
- Manages timelines and oversees the goals for the end-to-end development of the project

New York University, Brooklyn, NY
Teaching Assistant
Department of Computer Science, *Introduction to Programming and Problem Solving* September 2016 - Present

- Oversaw and taught computer science concepts to a laboratory section of twenty-five students, including Python syntax and computer science basics including loops, conditionals, functions, and objects
- Graded thirty homework assignments per week, and holds office hours to help students individually with assignments
- Created lab assignments, homeworks, and rubrics, and coordinated the hours and duties of twelve teaching assistants

Department of General Engineering, *Innovation and Technology Forum* September 2016 – May 2017

- Taught a section of first-year students human-centered design with a large focus on innovation and invention
- Advised semester-long design projects utilizing lean startup methodology and agile engineering to create new products

Girls Who Code, Seattle, WA - Amazon Campus June 2016 – August 2016, June 2017 – August 2017
Summer Immersion Program Undergraduate Teaching Assistant

- Collaborated as a part of a teaching team of three to teach seven weeks of intensive computer science curriculum and coordinate logistics for a class of twenty high-school students
- Taught computer science fundamentals using Scratch, Python, HTML, CSS, JavaScript, Django frameworks, Arduino robotics, and professional development skills

SKILLS

Technical: Languages | C++, Python, SQL, Java, JavaScript, React.js, Node.js, AngularJS, HTML, CSS
Operating Systems | Windows, MacOS

PROJECTS

PriCoSha: Introduction to Databases Term Project September 2017 - December 2017

- Designed and built a social media network to run on a local server using MySQL, Python, Flask, HTML, CSS, and JavaScript
- Led a team of three in setting milestones and timelines for a four-month long technical project

The Economics Review at New York University February 2016 – May 2017
Web Designer – www.theeconreview.com

- Designed and created a new school organization's website using WordPress software and HTML
- Maintained the website, formatted and posted articles, and provided technical support for the executive board

Bomb Disarming Robot: New York University Tandon School of Engineering September 2015 - December 2015
Chief Project Programmer

- Collaborated within a team of three to design and program a robot to autonomously navigate a course, avoid decoy bombs, disarm a fake bomb, and return to the inception point using LEGO MindStorms robots and programming
- Prepared and presented on monthly project budgets and schedules to a group of peers and faculty

HONORS, AWARDS, AND LEADERSHIP EXPERIENCE

NYU Leadership Fellows Program

- Selected to serve as a fellow in the prestigious NYU Leadership Fellows Program, focusing on developing inclusive and effective leadership skills

Grace Hopper Conference Scholarship, New York University October 2017

- Received a full scholarship to attend the 2017 Grace Hopper Celebration of Women in Computing on behalf of NYU

Alpha Omega Epsilon, Beta Sigma Chapter September 2015 - December 2017
Founding Member, Former President, and Former Chairman of Professional Development

- Founded NYU's first chapter of a professional sorority for women in engineering and technical science fields
- Coordinated logistics for events, budgets, and oversaw the progress of the chapter and the executive board