

## NILS LOFGREN

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### EDUCATION

Bachelor of Science  
Villanova University

August 2015 –  
May 2019

- Computer Science Major with Minors in Math and Business
- GPA: 3.32, Dean's List: Fall 2017, Spring 2018
- Relevant Coursework: Algorithms & Data Structures, Principles of Database Systems, Software Engineering, Discrete Structures, Analysis of Algorithms, Statistics for Computing

### SKILLS & ABILITIES

#### Relevant Projects

- Developed and presented a functional database as a final project in the Principles of Database Systems class written in SQL and hosted by Oracle's SQL Developer. August 2017 – December 2017
- Created a CAVE-Ready presentation of a 3D Model equipped with proximity sensors and controller movement in Python with the Vizard IDE. Presented to faculty as well as professionals about the project. Resulted in being a finalist in VUVR 2018 Competition. January 2018 – March 2018
- Completed 2 6-hour courses on Javascript and jQuery essentials. Received certifications from Lynda.com for completing the courses. November 2016 – Present

### LEADERSHIP AND CAMPUS INVOLVEMENT

- Served as assistant and then chair of Computers & Registration Committee of the Special Olympics Committee that plans and runs the world's largest student-run Special Olympics event. Increased registration accuracy and efficiency for the event by making effective use of Excel spreadsheets and organization of SOPA's database system GMS.
- Participated in Villanova in the Valley in which a cohort of 14 students traveled to Silicon Valley to learn from startup and corporate executives about what makes companies succeed in a startup environment.
- Competed in an ArduinoBot competition in which I programmed the car to move and push other cars off the playing surface on its own. The car was built from scratch and programmed in Arduino.

### EXPERIENCE

Front-End Developer Intern  
ServiceDock – Dublin, Ireland

June 2018 –  
August 2018

- Developed new UI for ServiceDock using Javascript, jQuery, HTML, and CSS.
- Debugged and refactored back end code on MS's .NET framework and wrote new C# methods for the new UI.

Teaching Assistant for Computer Systems 1  
Villanova University Computer Science Department

August 2017 –  
December 2017

- Responsible for providing feedback on student programs written in C and fixed any issues they had while coding.
- Assisted the Professor in teaching the students to learn and understand UNIX and its structure.

### ADDITIONAL SKILLS

- Comfortable programming in Object Oriented Programming Languages especially Java using the Eclipse IDE.
- Strong skill in Javascript and Python. Proficient in using Github and UNIX and building code in HTML, CSS. Experienced with Adobe Illustrator and Microsoft Office Apps.

