**Erin M. Sussmann**

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**Education** **Bachelor of Science in Electrical Engineering** May 2020

**Bachelor of Science in Computer Science** May 2020

Minor in **Mathematics**

College of Engineering, Technology & Architecture (CETA); University of Hartford, West Hartford, CT

GPA: 3.86/4.00

**Relevant Electrical Engineering:** Electronic Fundamentals, Electronic Circuits, Electrical Circuit Analysis I& II,

**Coursework** Electromagnetic Field Theory Discrete & Continuous Systems, Microprocessor Applications, Digital Systems Logic

**Computer Science:** Software Development, Concepts of Programming Languages, Principles of Databases, Data Structures, Fundamentals of Computing I & II

**Skills** Languages: **Java**, **C++**, **mySQL**, PHP, HTML, JavaScript, ML, Python

Software: **Cadence**, **MATLAB**, Jira, Unity, LabVIEW, Xilinx, AutoCAD

**Experience Senior Project Manager & Technical Business Analyst, Randian LLC, Burbank, CA** May 2018 – Present

***(Previously Technology Intern,*** *May 2017 – May 2018)*

* Led a multi-faceted team to create technical solutions for clients in an Agile system.
* Created and maintained support and administrative user documentation.
* Performed quality assurance and provided usability feedback of an e-commerce software.
* Designed mobile applications and new features, reviewed bugs and issues.

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**Office Staff, NASA Connecticut Space Grant Consortium, West Hartford, CT** May 2017 - Present

* Maintained an internal database of grant applicants and awards.
* Created and implemented an online application system for the Consortium.

**Student Intern, Connecticut Women’s Education and Legal Fund, Hartford, CT** Feb. 2017 – May 2017

* Researched the role of extracurricular STEM activities focused on young women at the middle school level as a tool for recruitment into STEM fields.

**Projects Health Care Assistive Robot, University of Hartford** Sept. 2017-Sept. 2018

Worked with project leaders to create a robot with the ability to take a patient's heartbeat and blood pressure. Using IoT sensors, the data was transferred to the cloud and used to make predictions on level of health and possible aliments, while relaying this information to both doctor and patient. The project was awarded second place at the college-wide design expo.

**S.T.R.E.S.S.F.U.L., University of Hartford** Sept. 2017-Sept. 2018

Worked within a team to design and implement a 2D novel visualization game based on a student’s life. Worked with a client to define specifications, functional and non-functional requirements, and UI/UX design.

**Refugee Support Network, University of Hartford** Feb. 2018-May 2018

Created a network for refugees to access information about schools, housing, and refugee advocate organizations in Connecticut. Named in the top ten projects presented at the college-wide expo.

**Connecticut Technology Council Coding Challenge** Oct. -Nov. 2018

Qualified to represent the University of Hartford at a state-wide challenge through a preliminary round coding challenge. Created a website to inform citizens about the opioid crisis and available resources in Connecticut.

**Competitions Mode, Hartford Insurtech Hackathon 2017** Sept. 8 – 10, 2017

**& Awards** Designed, tested, and developed a web-based ecommerce insurance provider that helped support struggling artists in

the Hartford area. This project was awarded 1st place out of more than 10 teams, earning a monetary prize of $5,000.

**Nara Therapy Bot, SheHacks 2018**  Feb. 26-28, 2018

**Hack Holyoke 2018**  Nov. 2-3, 2018

**Activities Social Media Manager, Society of Women Engineers, University of Hartford** Nov. 2017 – Present

**Secretary, Institute of Electrical and Electronics Engineers, University of Hartford** Aug. 2016 - Present

**CETA Robotics Group, University of Hartford** Aug. 2017 – Present

**Computing Club, University of Hartford** Jan. 2017 – Present

**Sports Analytics Team, University of Hartford** Sept. 2017 – Present

**Honors Alpha Chi Honor Society (**April 2018 – Present), **Tau Beta Pi Honor Society (**April 2018 – Present), **President’s List, University of Hartford** (Fall 2016 – Present), **Dean’s List, University of Hartford (**Fall 2016 – Present)