Erin M. Sussmann

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Education

Bachelor of Science — May 2020
Double Major: **Electrical Engineering, Computer Science**
Minor: **Mathematics**
College of Engineering, Technology & Architecture (CETA); University of Hartford, West Hartford, CT
Cumulative GPA: 3.86/4.0

Relevant Coursework

Electrical Circuit Analysis I & II, Electronics Fundamentals, Discrete & Continuous Systems, Digital Systems Logic, Microprocessor Applications, Fundamentals of Computing I & II, Principles of Databases, Data Structures

Skills

Proficient: Java, C++, mySQL, PHP, MATLAB, Cadence
Familiar: HTML, JavaScript,, Xilinx, AutoCAD

Experience

Randian Company, Burbank, CA
Senior Project Manager & Technical Business Analyst — May 2018 - Present
- Led a multi-faceted team to create technical solutions for clients.
- Created and maintained support and administrative user documentation in a Agile system.

Technology Intern — May 2017 - May 2018
- Performed quality assurance and usability feedback of an e-commerce software.
- Designed mobile applications and new features, reviewed and troubleshot bugs and issues.

NASA Connecticut Space Grant Consortium, West Hartford, CT
Office Assistant — May 2017 - Present

Connecticut Women's and Education Legal Fund, Hartford, CT
Student Intern — Feb. 2017 - May 2017

Projects

Health Care Assistive Robot, University of Hartford — Sept. 2017- Present
Contributed to a Senior-level Capstone Project. 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.

Competitions & Awards

Mode, Hartford Insurtech Hackathon 2017 — Sept. 8 - 10, 2017
Participated in building a working demo and business plan for a new type of Insurance Technology (Insurtech). 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
Led an interdisciplinary team to build and deploy a working demo for an artificially intelligent 'therapy bot'.

Activities

IEEE Student Chapter, *Secretary* — Nov. 2017 - Present
SWE Student Chapter, *Social Media Master* — Nov. 2017 - Present
CETA Robotics Group, — Aug. 2017 - Present
Computing Club — Jan. 2017 - Present
Student Television Network — Sept. 2016 - Present
Sports Analytics Team — Sept. 2018 - Present

Honors

President's List - University of Hartford — Fall 2016 - Present
Dean's List - University of Hartford — Fall 2016 - Present

Volunteering

The President's Volunteer Service Award (Silver) — 2016
The Science and Entertainment Exchange, Volunteer Science Consultant. — Spring 2016 - Present

Conferences & Publications

Sussmann, Erin. "Stranger Physics: An Analysis of the Physics of the Television Show Stranger Things." American Society of Engineering Education, West Hartford, CT, 28 April 2018. Conference Presentation and Journal Publication.

References Available Upon Request