Sean Randunne

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Experience

- **Server Central Turing Group, Chicago, IL**   June 2019 - Aug 2019
  Software Engineering Intern - Configured virtual machines to build the development environment. Improved the user interface by building modal dialog boxes for internal time tracking tool. Developed end to end tests to confirm accepted behavior for the Server Central clientside portal.
- **Cisco Systems, Rosemont, IL**   Jul 2019
  Software Engineering Intern - Designed a prototype for a restaurant reservation application and proposed a business plan for pricing and marketing.
- **Motorola Solutions, Chicago, IL**   June 2017 & June 2019
  Software Engineering Intern- Designed and developed a reservation application using advanced UI/UX concepts for the Hyperloop which is an environmentally-friendly train that travels through a vacuum-sealed tunnel at speeds of up to 400 or 500 mph due to the reduced friction.
  Designed a system to reduce the risk of heart attacks for firefighters by using user-friendly wristbands that vibrate intensely rather than blaring alarms to wake the firefighters as well as a software module for the firefighter chief.
- **Buehler YMCA, Palatine, IL**   Jul 2017 - Present
  Lifeguard - Currently an employee of the Buehler YMCA and with CPR certification and lifeguard certification from the Red Cross.

Awards

- The Presidential Volunteer Service Award winner   2019
- Received the Best Design award at the Windy City Hacks Hackathon   July 2019
- Received third place in the advanced category of the Code 211 Hackathon   Feb 2019
- Received 33rd place in the Chicago Youth Triathlon   June 2017
- Received 5th place at the YMCA State Championship competition for 14 & under 200 medley relay   2017

Education

The University of Illinois at Urbana-Champaign, IL   Aug 2018 - May 2020
- Multivariable Calculus & Differential Equations

Stanford University(Online)   Nov 2018 - Feb 2019
- Machine Learning

William Fremd High School, Palatine, IL – GPA(4.82/4)   Aug 2016 - May 2020
- AP & Honors Classes: AP Computer Science Principles, AP Computer Science A, Mobile App Development, and Independent Study Computer Science
- National Honor Society(NHS) Scholar   2019
- AP Scholar with Distinction   2018
- Captain of the Math Team   Aug 2018 - May 2020
- Captain of the Coding Club   Aug 2019 - May 2020
- Member of the Fremd Varsity Swim Team   Aug 2016 - May 2018
- Member of the Fremd Junior Varsity Tennis Team   Aug 2017 - May 2019

Technical Skills

Python Java	HTML, Javascript, CSS CAD/Autodesk Inventor Google Cloud Firebase & Firestore	MATLAB/Mathematica Git, Jira & Agile Scrum	Android Studio & Swift Machine learning	React Cypress