Hibo H. Osman

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EDUCATION

- **San Jose State University**
  Bachelors of Science in Software Engineering — *Aug. 2017 – Dec. 2020*

TECHNICAL SKILLS

Programming: Java, JavaScript, Python, PHP, Bash, C

Technologies: React.js, HTML, CSS, React Native, Git, MySQL

Relevant Coursework: Data Structures and Algorithms, Object Oriented Design, Information Security, Computer Architecture, Operating Systems, Human Computer Interaction, Computer Networks, Software Testing

EXPERIENCE

- **UX Design Intern** — Remote
  IBM — *June 2020 - Present*
  - Immersed in the fundamentals of Enterprise Design Thinking and applied it to user research and ideation to solve user needs
  - Incubated and vetted innovative solutions to complex design problems, such as providing bioinformaticians an efficient way to process large chunks of data with effective error handling and version control access

- **CED Committee Chair** — San Jose, CA
  Student Officer, Society of Women Engineers — *November 2017 - Present*
  - Organized an engineering conference 3 years in a row for over 350 Bay Area college students
  - Provided students the opportunity to attend tech, professional development, and diversity talks to promote diversity and inclusion
  - Coordinated with other student organizations on campus to organize hackathons for SJSU students

- **Instructional Student Assistant** — San Jose, CA
  Computer Architecture, SJSU CmpE Dept — *August 2019 - December 2019*
  - Graded assignments using Linux to compile and run C/Assembly code on MIPS Machine
  - Mentored about 45 students through study sessions and assisted mastering course material

- **SWE++ Outreach Program** — San Jose, CA
  Organizer/Team Lead, Society of Women Engineers — *September 2018 - May 2019*
  - Recruited 4 SWE members and 20 middle school girls from the area to participate in this 9 week program
  - Created engaging activities for curriculum, taught lessons in Python, assigned in-class projects, and hw

- **Computer Science Summer Institute (Google)** — Mountain View, CA
  CSSI Student — *Summer 2017*
  - One of 30 students who were accepted to participate in CSSI out of about 2,000 applicants
  - Participated in an intensive programming institute learning web app development in Javascript, Python, HTML, CSS and Google AppEngine from Google engineers

PROJECTS

- **Decryptoid**: A web application which encrypts and decrypts text entries/uploads using a RC4, Double Transposition, or Simple Substitution cipher. Developed app using PHP, Javascript, and MySQL.
- **SpotMe Solutions**: Designed and implemented a mobile application that aimed to improve SJSU commuters' parking experience. Worked with React Native and the Stripe API.
- **Connect Four (CSSI Google)**: Developed a web-based version of Connect Four in Python, Javascript, HTML and CSS, deployed the app using Google AppEngine.