Jenna Jubeir

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EDUCATION

Northwestern University, MCCORMICK SCHOOL OF ENGINEERING & APPLIED SCIENCE — EXPECTED GRADUATION JUNE 2021

Bachelor of Science, Computer Science and Chemistry
GPA: 3.8/4.0 Honors: Dean's List

The University of Hong Kong, FACULTY OF ENGINEERING — EXCHANGE PROGRAM FALL 2019

Department of Computer Science

RELEVANT WORK EXPERIENCE

Human Computer Interaction Course Peer Mentor, NORTHWESTERN UNIVERSITY — MARCH 2020-PRESENT

- Lead 20 student discussion section going over basic CSS/HTML/JavaScript and human computer interaction topics such as prototyping, design principles and accessibility

Advanced App Engineering Analyst, ACCENTURE — SUMMER 2019

Client: Leading Insurance Provider   **Project**: Customer Facing Mobile Application

- Performed regression testing on provider's mobile application on both Android and iOS platforms
- Assisted in preparing regression suite for Mobile QC team
- Tracked, logged, and verified resolution of specification defects in Jira
- Worked with a cross-continental team following the agile software development methodology, participating in daily stand-ups and attending sprint retrospectives, sprint planning and sprint reviews

Lerner Lab Research Assistant, FEINBERG SCHOOL OF MEDICINE — OCTOBER 2018 – APRIL 2019

Research: Neural Mechanisms Behind Learning and Memory

- Performed histopathology procedures on mouse brains, including staining, mounting and imaging

Intern, SPINAL RESEARCH FOUNDATION — SUMMER 2018

- Executed market research on the Foundation's current clinical trials and emerging spinal technologies, analyzing and prioritizing data from specific studies
- Co-authored article for nationally distributed *Spinal Research Foundation Journal*
- Redesigned current donor database protocols for importing, utilizing, and exporting donor information and donations in Salesforce

PROJECT EXPERIENCE

Tangible Interaction Design and Learning Laboratory, NORTHWESTERN UNIVERSITY — WINTER 2020-PRESENT

Project: TunePad

Team: Curriculum Development, Digital Music and Python Coding Professional Development Team

- Review teaching modules to ensure that activities map to relevant computer science concepts and suggest new modules to teach computational thinking
- Check python code for efficiency and efficacy

Founder and Front End Development Lead, NORTHWESTERN OPEN DATA INITIATIVE — WINTER 2020-PRESENT

- Pitched idea to and developed an ongoing relationship with Northwestern's Data Governance Team, Office of Institutional Research and Computer Science department
- Build an open data portal and develop educational programming to increase the transparency and accessibility of Northwestern's public data resources
- Lead front-end development team; delegating, planning and tracking progress of front-end web development of the portal

Design Thinking & Communication Course, NORTHWESTERN UNIVERSITY — WINTER 2019

Client: Shirley Ryan AbilityLab   **Project:** Partial Spinal Cord Injury Grip Aid

- Designed a discrete device to improve users' ability to grip, hold, and support various objects

VOLUNTEER EXPERIENCE

Mentor & Teacher, COMMUNITY ENGAGEMENT PROGRAMME, THE UNIVERSITY OF HONG KONG — FALL 2019

- Developed ESL curriculum from the ground up for 3rd and 4th grade students and taught curriculum to class of 12 students in the Cha Kwo Ling village in Hong Kong

INVOLVEMENT

NU|Tutors, Chemistry and Math Tutor

Northwestern University Swim Club, Director of Social Events and Executive Board Member

The Insight Group, Director of Programming and Executive Board Member (*business mentorship organization*)

Department of Computer Science, Mentor (*CS Mentorship Program*)

SKILLS

Programming Languages: C#, C/C++,CSS, HTML, Java, JavaScript, MATLAB, Python, SQL, Swift

IDEs/Frameworks/Software: Amazon Web Services, Android Studio, Confluence, Django, Jira, MS Visual Studio, React, Salesforce, Visual Studio Code, Xcode

Languages: Spanish