

Isaac Ng

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Experience

Cerner

Kansas City, Missouri

SOFTWARE ENGINEER II

07/2019-Present

- Collaborated on Emerging App Development's full stack web apps using **Agile Methodologies**.
- Produced various features and releases of Operations Portal and Data Catalog with **React, Java** and **TSQL**.
- Wrote and debugged automation/fullstack tests using **Postman, JUnit** and **Selenium**.
- Experienced with **communicating remotely** (Romania, Bangladesh) to coordinate and assign work.
- Helped define and establish **coding practices** within the Emerging App Development team.
- **Mentored** intern and **assisted** team members with various tasks.

Seagate

Longmont, Colorado

FIRMWARE DATAFLOW ENGINEERING INTERN

05/2018-08/2018

- Coordinated with the Firmware Engineering Group via **Agile Methodologies** using **JIRA**.
- Designed and wrote script to output drive data to csv and display performance using **C** and **Python**.
- Learned and participated in the code workflow using tools like **Perforce, Coverity** and **Code Collaborator**.

Projects

- Using **Expo**, developed JustPinCase, a mobile app for visualizing events in **react-native** with a **Firebase** backend.
- Created InSpectre, an isometric puzzle game in **Unity** using **C#** in a game design team including engineers and artists.
- Wrote ImageToSpeech, a Chrome extension that describes images using the **Google Vision API** in **HTML** and **JavaScript**.

Skills

- **Tools:** Git, React, Selenium, JIRA, Spring, Node.js, Maven, Crucible, Jenkins, Cucumber, Liquibase
- **Programming Languages:** Java, Python, JavaScript, SQL, Matlab, C#, Ruby
- **Misc:** Agile Methodology, American Red Cross Lifeguard Certification, Mandarin, Unity, Sony Vegas Pro

Awards & Accomplishments

- **Coding:** Cerner Recognition Award, HackCWRU V Maker Award, Hack Ohi/o 2018 Finalist, Shiplt Finalist
- **Music:** Carnegie Hall Royal Conservatory Level 10 Oboe Certification, ASTA Level 10 Violin Certification
- **Misc:** Eagle Scout, National Merit Finalist

Education

Case Western Reserve University Class of 2019

Cleveland, Ohio

B.S. COMPUTER SCIENCE W/ BUSINESS MANAGEMENT MINOR

08/2015—05/2019

- Relevant Coursework: Data Structures, Algorithms, Databases, Networks, Intro to AI, Software Craftsmanship

What I Enjoy

- Love editing/producing videos that emphasize storytelling.
- Have played videogames at a competitive level as an in game leader/main caller.
- Exercising daily, preferably using tennis or basketball.